





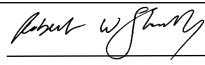
 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Graduate Programs		UGPC Approval _____ UFS Approval _____ Banner Posted _____ Catalog _____
	Department Mathematics and Statistics College Science		
Program Name Master of Science in Teaching Mathematics		<input type="checkbox"/> New Program <input type="checkbox"/> Change Program	Effective Date (TERM & YEAR) Spring 2025
Please explain the requested change(s) and offer rationale below or on an attachment (1) Since the Master of Science in Teaching Mathematics (MST) is approved for fully online delivery, we are requesting to eliminate the in-person modality so that the MST program is offered online only. (2) To streamline the curriculum and avoid redundancy, we propose removing the course MAT 6715 (Mathematics and Technology) from the current online MST program, as its content is already covered by other courses.			
Faculty Contact/Email/Phone Katarzyna Winkowska-Nowak / kwinkows@fau.edu		Consult and list departments that may be affected by the change(s) and attach documentation	
Approved by Department Chair  College Curriculum Chair  College Dean   UGPC Chair  UGC Chair  Graduate College Dean  UFS President _____ Provost _____			Date 9/23/2024 9/23/2024 09/24/2024 10/04/2024 10/04/2024 10/03/2024 _____ _____

Email this form and attachments to UGPC@fau.edu one week before the UGPC meeting so that materials may be viewed on the UGPC website prior to the meeting.

Catalog Change for the Online Program

Mathematics

Master of Science in Teaching (M.S.T.)

This degree program, with emphasis on issues of teaching, provides post-baccalaureate education for any students seeking a deeper understanding of and appreciation for mathematics. This M.S.T. degree program does not provide teaching certification; students interested in teaching at the state college level should consult with an advisor in the Department of Mathematics and Statistics. This program is ~~available fully online~~ offered online only.

Admission Requirements

Admission requirements for the M.S.T. program are the same as for the M.S. in Mathematics.

Degree Requirements

This program requires 24 credits of mathematics courses and 6 credits of education courses at or above the 5000 level, and at least half of all credits applied to the degree must be in 6000-level courses. (Candidates without a valid secondary certificate or with fewer than two years of teaching experience might be required to complete a 6-credit internship.) The Mathematics and Statistics Department offers one or two 6000-level classes specifically designed for the M.S.T. program each semester (including summers), see the table below; but other 5000- or 6000-level Math courses may be applied toward this degree for students wishing to complete the program more quickly. Candidates may complete 6 of the 24 credits in mathematics by writing a master's thesis.

Online courses designed for the M.S.T. Program

Advanced Euclidean Geometry	MTG 6226	3
Advanced Algebra and Geometry	MAS 6318	3
Mathematics and Technology	MAT 6715	3
Number Theory of Cryptography	MAS 6217	3
Dynamical Systems, Chaos, and Computing	MTG 6418	3
Problem Solving and Recreational Mathematics	MAT 6516	3
Calculus from a Historical Perspective	MHF 6410	3
Fractal Geometry	MTG 6415	3
Introductory Discrete Mathematics	MAD 6108	3
Survey of Statistics and Probability	STA 6116	3