NEW/CHANGE PROGRAM REQUEST
Graduate Programs

FLORIDA ATLANTIC UNIVERSITY

UGPC Approval _____

UFS Approval _____

Banner Posted _____

Catalog _____

Department

College

Program Name	**New Program**	**Effective Date** *(TERM & YEAR)*
	Change Program	

Please explain the requested change(s) and offer rationale below or on an attachment

Faculty Contact/Email/Phone	**Consult and list departments that may be affected by the change(s) and attach documentation**

Approved by

		Date
Department Chair	_(signature)_	9/23/2024
College Curriculum Chair	_(signature)_	9/23/2024
College Dean	_(signature)_	09/24/2024
UGPC Chair		
UGC Chair		
Graduate College Dean		
UFS President		
Provost		

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

Course	Number	Credits
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