



Item: AS: A-2

Tuesday, April 5, 2022

SUBJECT: APPROVAL OF DEGREE TERMINATION - CIP 27.0301

PROPOSED BOARD ACTION

Approval to terminate the following degree program – CIP 27.0301:

- Master of Science in Applied Mathematics and Statistics (AMST)

BACKGROUND INFORMATION

The proposal requests to terminate the Master of Science in Applied Mathematics and Statistics (AMST) program. The department has proposed to merge the AMST program into the Master of Science in Mathematics program with five concentrations: pure mathematics, applied analysis, biostatistics, cryptology and information security, and financial mathematics.

Due to low enrollment and graduation, the AMST program is struggling to sustain its operation and faces consistent scrutiny from the State University System. The department will now have the four concentrations in applied analysis, biostatistics, cryptology and information security, and financial mathematics from the AMST program. The original MS in Mathematics would become a “pure mathematics” concentration in the merged program.

IMPLEMENTATION PLAN/DATE

Effective Fall 2022, pending approval by the Florida Atlantic University Board of Trustees. Current students will be notified of a teach-out plan and expected to finish by Fall 2023.


FISCAL IMPLICATIONS

There will not be an impact on enrollment, enrollment planning, or allocation of resources. Prospective students interested in applied mathematics and statistics will be able to apply to the revised MS in Mathematics program.

Supporting Documentation: Degree Program Termination Form

Presented by: Dr. Bret Danilowicz, Vice President for Academic Affairs & Provost

Phone: 561-297-6350

 FLORIDA ATLANTIC UNIVERSITY	NEW/CHANGE PROGRAM REQUEST Graduate Programs	UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____
	Department Mathematical Sciences College Science	
Program Name Master of Science with Major in Applied Mathematics and Statistics	<input type="checkbox"/> New Program* <input checked="" type="checkbox"/> Change Program*	Effective Date (TERM & YEAR) Fall 2022
<p>Please explain the requested change(s) and offer rationale below or on an attachment.</p> <p>This proposal requests to terminate the Master of Science with Major in Applied Mathematics and Statistics (AMST) program since we have proposed to merge the Master of Science in Applied Mathematics and Statistics (AMST) program with the MS in Mathematics program with five concentrations: pure mathematics, applied analysis, biostatistics, cryptology and information security, and financial mathematics. Consequently the catalog entries for the MS in AMST program should be removed from the university catalog.</p> <p>Rationale: Due to low enrollment and graduates, the AMST program is struggling to sustain its operation and faces constant scrutiny from State University System. It is very reasonable and feasible for us to merge the AMST program with MS in Mathematics with the specified five concentrations, which will give our graduate students including PhD students the flexibility of obtaining MS in various fields. We shall keep the four concentrations in applied analysis, biostatistics, cryptology and information security, and financial mathematics from the AMST program. The original MS in Mathematics would become "pure mathematics" concentration in the merged program. Thus the original MS in AMST program should be terminated.</p> <p>Teach-out plan: There are 4 students (two full-time and two part-time) left in the AMST program. They are expected to finish within the next 2 years. The courses specified in the AMST program will still be offered as part of other graduate degree programs in the Department of Mathematical Sciences.</p>		
<p>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</p>		
Faculty Contact/Email/Phone Hongwei Long/ hlong@fau.edu / 561-297-0810	Consult and list departments that may be affected by the change(s) and attach documentation	
Approved by Department Chair <u>AC Locke</u> College Curriculum Chair <u>Christopher Beetle</u> <small>Digitally signed by Christopher Beetle Date: 2021.11.23 19:56:13 -05'00'</small> College Dean <u>William David Kelle</u> UGPC Chair <u>Christopher Beetle</u> UGC Chair <u>Paul R. [Signature]</u> Graduate College Dean <u>Robert W. Stackman, Jr.</u> <small>Robert W. Stackman Jr. (Jan 4, 2022 21:22 EST)</small> UFS President _____ Provost _____	Date 11/18/21 _____ 11/29/21 Jan 4, 2022 Jan 4, 2022 Jan 4, 2022 _____ _____	

Email this form and attachments to UGPC@fau.edu 10 days before the UGPC meeting.