

**Subject:** RE: MAA 4200

**From:** Robyn Klein <rklein@fau.edu>

**Date:** 9/14/2023, 10:09 AM

**To:** Joseph Furner <jfurner@fau.edu>, Stephen Locke <lockes@fau.edu>, Yuan Wang <YWANG@fau.edu>

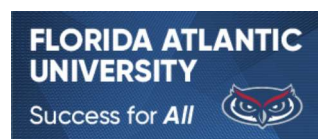
Supporting Letter from Dept of  
Curriculum and Instruction, College of  
Education on replacing MAA4200 with  
MAS 3156

Good Morning,

Thank you so much for keeping us in the loop. Since MAS 4200 is a required course for our Math Education majors, we can put in the program change to replace that course with MAS 3156.

Thanks again!

Robyn Klein, Ed.D.  
Senior Instructor  
Director of Undergraduate Programs  
Department of Curriculum and Instruction  
College of Education  
Florida Atlantic University  
(561)297-3877  
[rklein@fau.edu](mailto:rklein@fau.edu)



---

**From:** Joseph Furner <jfurner@fau.edu>

**Sent:** Wednesday, September 13, 2023 8:12 PM

**To:** Stephen Locke <lockes@fau.edu>; Yuan Wang <YWANG@fau.edu>

**Cc:** Robyn Klein <rklein@fau.edu>

**Subject:** RE: MAA 4200

Thank you Stephen for writing and letting us know. I will forward this to Robyn Klein who is in charge of the Secondary Programs in our department so she can make the change and remove that class on the program sheet. Thanks for writing. I do hope all is well. Many blessings! Have a great semester and academic year!

Pax in terra, pax in caelo, pax vobiscum,

*Joseph M. Furner*

**Joseph M. Furner, Ph.D.**

**Professor of Mathematics Education and Curriculum and Instruction**

**Florida Atlantic University**

**College of Education**

**Department of Curriculum and Instruction**

**John D. MacArthur Campus**

**5353 Parkside Drive, EC 207D**

**Jupiter, Florida 33458**



"If two negatives make a positive  
how come two wrongs don't  
make a right?"




---

**From:** Stephen Locke <[lockes@fau.edu](mailto:lockes@fau.edu)>  
**Sent:** Wednesday, September 13, 2023 4:25 PM  
**To:** Joseph Furner <[jfurner@fau.edu](mailto:jfurner@fau.edu)>; Yuan Wang <[YWANG@fau.edu](mailto:YWANG@fau.edu)>  
**Subject:** MAA 4200

Joe,

We are in the process of renovating our baccalaureate program, and one side effect will be the phasing out of MAA 4200, Modern Analysis. Our students will probably take MAS 3156, Vector Calculus, for most of our concentrations. This course will not have as many proofs as MAA 4200, and is already in place. We ran both MAA 4200 and MAS 3156 in Spring 2023.

I know that students following the BA in Math Education probably take MAA 4200, and thus phasing out MAA 4200 affects your department. We hope this is not too much of a problem. The prerequisites for Vector Calculus are MAC 2313 Calculus 3 with Analytic Geometry and MAS 2103 Matrix Theory, which I assume

your students will already have. So the transition should be easy.

Stephen