



**THE OHIO STATE UNIVERSITY**

---

**College of Arts and Sciences**  
**Department of Mathematics**

100 Math Tower  
231 W 18<sup>th</sup> Avenue  
Columbus, OH 43210-1174  
Math.osu.edu

To: Office of Academic Affairs  
From: Matthew Kahle, Chair, Department of Mathematics  
John Holmes, Director of Actuarial Science MAQRM  
Date: September 12, 2025  
Re: Development of combined Math BS/MAQRM degree

Dear Colleagues,

The Department of Mathematics would like to propose a new combined BS/MS degree in Mathematics (BS) and Master of Actuarial and Quantitative Risk Management (MAQRM). The aims of this program are:

- to offer our undergraduate mathematics majors the opportunity to complete two degrees in only 5 years, preparing these excellent students for admission to PhD programs and prepare them for professional careers in actuarial science and quantitative finance
- to provide additional mechanisms to retain outstanding undergraduates in our program to complete graduate degrees at OSU
- To increase enrollment in upper-level coursework currently targeted to students in the master program

The attached proposal further describes the proposed program, and contains all required documents for review.

Thank you for your consideration,

Matthew Kahle, Ph.D.  
Professor and Chair of Mathematics  
The Ohio State University