

## The Ohio State University Department of Mathematics

Degree	Required	Strongly Recommended	Minimum Requirements	Other factors
Ph.D. Theoretical Mathematics Track	Evidence of strong preparations in Real Analysis and Abstract Algebra. Typically expected are one-year sequences at the baby-Rudin and Dummit-Foote level or comparable academic work.  GRE Subject test in Math – may be waived with submission of a justification.  3 Letters of Recommendation, Vita, and Statement.	Additional upper division or graduate coursework in pure or applied math with solid grades.	Minium undergraduate cumulative GPA of 3.0 on 4.0 grade scale.  No minimum requirements for GRE test scores for admission.	Research experience not required but may make applications more competitive.  Similar for graduate level coursework.
Ph.D. Applied Mathematics Track	Evidence of solid preparations in Real Analysis (one semester baby-Rudin, advanced Linear Algebra, and a computational science course.     GRE Subject test in Math – may be waived with submission of a justification.	Additional upper division or graduate coursework in the mathematical sciences.  Prior research experience is not strictly required but weighs more than for	Minium undergraduate cumulative GPA of 3.0 on 4.0 grade scale.  No minimum requirements for GRE test scores for admission.	Graduate level coursework and exposure to other quantitative sciences with math applications contribute to the strength of an application in this track.
Master Mathematical Sciences	Solid Bachelor level coursework in math particularly, advanced calculus, linear algebra (EDU), and differential equations (BIO&CPS).  3 Letters of Recommendation, Vita,	Background/coursework in respective specializations (Computation, Biology, Education) GRE General Test	Minium undergraduate cumulative GPA of 3.0 on 4.0 grade scale. No minimum GRE test scores for admission.	Relevant research experience for Bioscience track useful as well as coding background for computational track.
Master of Acutarial and Quantitative Risk Management	Solid Bachelor level coursework in advanced calculus, statistics & probability, elementary economics.  GRE general test or GMAT  3 Letters of Recommendation, Vita, and Statement.	Background/courswork in programming and Interest Theory. GRE Subject Test in Math	Minium undergraduate cumulative GPA of 3.0 on 4.0 grade scale.  No minimum GRE test scores for admission.	Relevant research experience for Bioscience track useful as well as coding background for computational track.

## Current Practice on Application Fee Waiver:

Standard Application Fee for PhD and MMS degrees is only \$5. (Fee for the MAQRM is \$60).

Please contact grad-info@math.osu.edu for more information on fee waivers for special programs through OSU.

## Website:

https://math.osu.edu/grad/future

## Financial Aid Information:

- All PhD and MMS students are guaranteed Graduate Teaching Associateships provided good academic standing.
- Strong applicants with an undergraduate GPA≥3.6 as well as minority students with undergraduate GPA≥3.2 may be considered to compete for recruitment fellowships (without teaching duties) for one to three years.
- Limited additional funds are availble for departmental fellowships for either applying or continuing students.
- MAQRM students are generally not supported and responsible for their own stipend and tuition.