



The Ohio State University

Department of Mathematics

| Degree | Required | Strongly Recommended | Minimum Requirements | Other factors |
|---|--|---|--|--|
| Ph.D. Core Math Track | <ul style="list-style-type: none"> • Strong background in real analysis: E.g., one-year baby-Rudin level sequence or comparable. • Strong background in abstract algebra: E.g., one-year Dummit-Foote level sequence or comparable. • GRE Subject test in Math – may be waived with advanced preparations. • 3 Letters of Recommendation, Vita, and Statement. | <p>Additional upper division or graduate coursework in pure or applied math with solid grades.</p> <p>GRE general test.</p> | <p>Minimum undergraduate cumulative GPA of 3.0 on 4.0 grade scale.</p> <p>No minimum requirements for GRE test scores for admission.</p> | <p>Research experience bit required but tends to make applications more competitive.</p> <p>Similar for graduate level coursework.</p> |
| Ph.D. Applied Math Track | TBD | TBD | TBD | TBD |
| Master Mathematical Sciences | <ul style="list-style-type: none"> • Solid Bachelor level coursework in math -- particularly, advanced calculus, linear algebra (EDU), differential equations (BIO&CPS). • 3 Letters of Recommendation, Vita, | <p>Background/coursework in respective specializations (Computation, Biology, Education)</p> | <p>Minimum undergraduate cumulative GPA of 3.0 on 4.0 grade scale.</p> <p>No minimum GRE test</p> | <p>Relevant research experience for Bioscience track useful as well as coding background for</p> |
| Master of Actuarial and Quantitative Risk Management | <ul style="list-style-type: none"> • Solid Bachelor level coursework in advanced calculus, statistics & probability, elementary economics. • GRE general test or GMAT • 3 Letters of Recommendation, Vita, and Statement. | <p>Background/coursework in programming and Interest Theory.</p> <p>GRE Subject Test in Math</p> | <p>Minimum undergraduate cumulative GPA of 3.0 on 4.0 grade scale.</p> <p>No minimum GRE test</p> | <p>Relevant research experience for Bioscience track useful as well as coding background for</p> |

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.

Financial Aid Information:

- All PhD and MMS students are guaranteed Graduate Teaching Associateships provided good academic standing.
 - Students (in any degree) who submit GRE general test scores may be eligible for one-three year fellowships (without teaching duties) if GRE general test scores are submitted.
- Particularly, students from underrepresented minorities are strongly encouraged to take the GRE general test in order to qualify for diversity fellowships.
- MAQRM students are generally not supported and responsible for their own stipend and tuition.

Website:

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