

Welcome to the School of Mathematics!

New math majors
Tuesday, February 26 2019



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Plan

- Introductions to staff, faculty, advisers, and undergraduate/graduate math students
- Opportunities in the department aside from courses and programs
- Reception after this session – Vincent 120



What can I do with a math degree?

- Actuarial science and finance
- Computer science, data security
- Mathematical biology
- Data analysis
- Industrial/systems/operations mathematics
- Teaching math
- Graduate study, mathematical (and other) research





2018 Jobs Rated Report

THE BEST JOBS OF 2018

- 2. Mathematician**
- 3. University Professor**
- 5. Statistician**
- 7. Data Scientist**
- 10. Actuary**



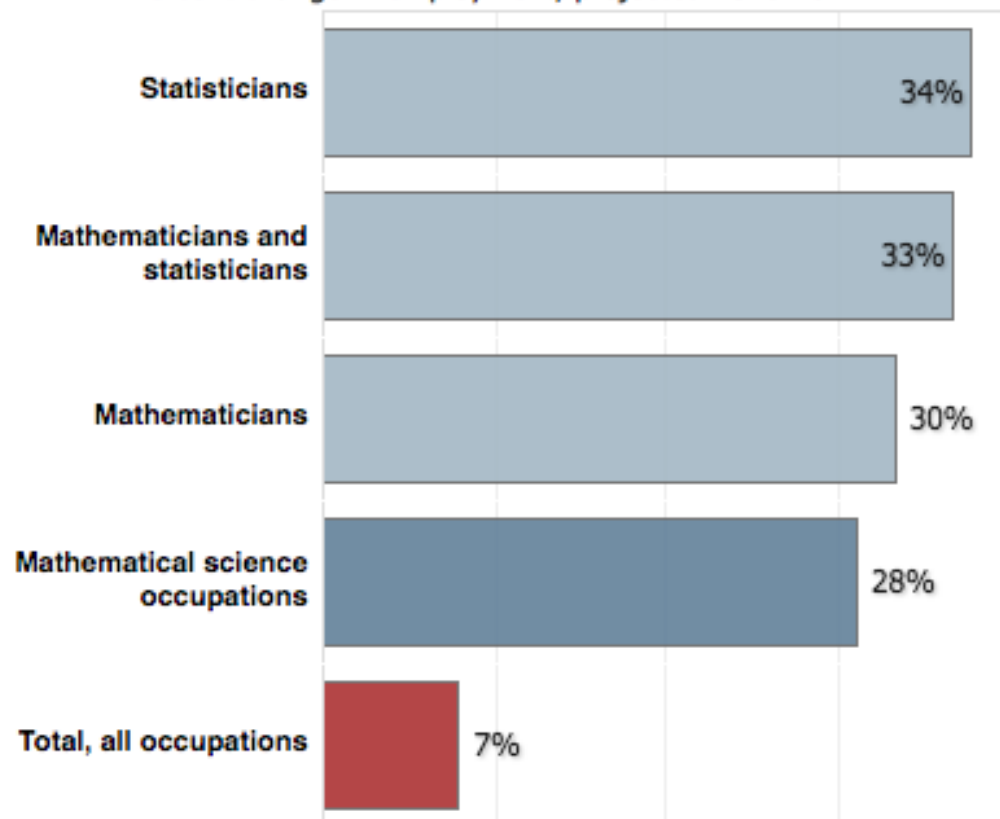
<https://www.careercast.com/jobs-rated/2018-jobs-rated-report>



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Mathematicians and Statisticians

Percent change in employment, projected 2016-26



Note: All Occupations includes all occupations in the U.S. Economy.

Source: U.S. Bureau of Labor Statistics, Employment Projections program



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Advising continues at the U/college level

- College of Science and Engineering
- College of Liberal Arts
- University Honors Program



BA/BS Math specializations

- Actuarial Science
- Mathematics Education
- Computer Applications
- Mathematical Biology
 - Genomics
 - Physiology
- [No specialization]



Working with our undergraduate office

115 Vincent Hall, 612-625-4848 • math.umn.edu/undergraduate

Carla Claussen Stephanie Lawson Raven Singh

- Scheduling advising appointments – advancing holds
 - **UHP & Actuarial Science specialization** - email: ugrad@math.umn.edu
 - **All others** - email: mathadv@umn.edu
- Registration – obtaining permission to register for courses that appear to be closed
 - **Email:** ugrad@math.umn.edu



Course planning

- CSE math majors: you will receive an email soon prompting you to arrange an advising meeting so that you are prepared for the Fall 2019 registration queue, which opens **Thursday, April 11th**.
- CLA math majors: we encourage you to contact us for course planning advice, but it is not required in advance of registration.



Minnesota Center for Financial and Actuarial Mathematics (MCFAM)

- Rina Ashkenazi, Academic Director
- Laurie Derechin, Executive Director
- Aileen Lyle, Advisor
- Doreen Vescelius, Advisor



Organizations & opportunities

- Nathan Steckman (Actuary Club) - actuary@umn.edu
- Mansi Bezbaruah (presented at AMS, Math Club) and
- Ashleigh Adams (Math Club)
- Sarah Brauner (Math Club - Th 12:20 - VinH 570) - mathclub.math.umn.edu
- Sarah Milstein (SIAM, UG research seminar, problem solving) – braun622@umn.edu
- McCleary Philbin (WiM, MPM) - wimmn@umn.edu



Other opportunities

math.umn.edu/undergraduate

- Research funding opportunities: UROP, REU, travel fund
- Employment as paper grader, exam proctor, undergraduate TA, ULA (apply in Vincent 115)
- Apply in March for 2019-20 department scholarships. Look for email with link to online application.



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Advisors

math.umn.edu/undergraduate-studies/undergradadvising

Academic Advisor

- Kate Lewis

Faculty Advisors

- Gregg Musiker (honors liaison)
- Dmitriy Bilyk
- Markus Keel
- Natalie Sheils
- Arnab Sen



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Join us for a reception
upstairs in Vincent Hall 120



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