Welcome to the School of Mathematics!

New math majors
Tuesday, February 26 2019
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

Mathematicians and Statisticians

Percent change in employment, projected 2016-26

- Statisticians: 34%
- Mathematicians and statisticians: 33%
- Mathematicians: 30%
- Mathematical science occupations: 28%
- Total, all occupations: 7%

Note: All Occupations includes all occupations in the U.S. Economy.
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.
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
Join us for a reception
upstairs in Vincent Hall 120