Welcome to the School of Mathematics!

New math majors
Tuesday, October 29 2019
Plan

• Introductions to staff, faculty, advisers, and undergraduate/graduate math students
• Key procedures
• Opportunities in the department aside from courses and programs
• Reception after this session – Vincent 120
School of Mathematics Administration

- Peter Olver – Head, School of Math
- Dick McGehee – Director of GR Studies
- Bryan Mosher – Director of UG Studies
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
The Best Jobs of 2019

MATH MATTERS

1. Data Scientist
2. Statistician
8. Mathematician
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.
BA/BS Math specializations

- Actuarial Science
- Mathematics Education
- Computer Applications
- Mathematical Biology
  - Genomics
  - Physiology
- [No specialization]
Advising continues at the University/college level

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

➢ College Career Centers
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

• CLA math majors: we encourage you to contact us for course planning advice, but it is not required in advance of registration.

• CSE math majors: you will receive an email soon prompting you to arrange an advising meeting so that you are prepared for the Spring 2020 registration queue, which opens Tuesday, November 12th.
CSE Majors – DS Hold

📍 DS: Department Stamp Approval
Effective: Aug 02, 2018 12:00 AM (APLUS)
Active Term: Spring 2021
Institution: Twin Cities/Rochester

Pay attention to the “Active Term” – the hold does not affect any term prior to this.
Advisors
math.umn.edu/undergraduate-studies/undergradadvising

**Academic Advisor**
- Kate Lewis

**Faculty Advisors**
- Gregg Musiker (honors liaison)
- Dmitriy Bilyk
- Helena Zarin
- Arnab Sen
- Markus Keel
Minnesota Center for Financial and Actuarial Mathematics (MCFAM)

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

• Lauren Verhulst (Actuary Club) - actuary@umn.edu
• Ashleigh Adams (Math Club, research) - mathclub.math.umn.edu
• Montie Avery (SIAM) – siam@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 2020-21 department scholarships. Look for email with link to online application.
Join us for a reception upstairs in Vincent Hall 120