Welcome to the School of Mathematics!

New math majors
Tuesday 23 October 2018
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
CareerCast
JOBS RATED REPORT
THE BEST JOBS OF 2015

MATH MATTERS
1. ACTUARY
3. MATHEMATICIAN
4. STATISTICIAN
6. DATA SCIENTIST

University of Minnesota
Driven to Discover™
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.
Plan

• Introductions to staff, faculty, advisers, and undergraduate/graduate math students
• Opportunities in the department aside from courses and programs
• Reception after this session
Advising continues at the U/college level

- College of Science and Engineering
- College of Liberal Arts
- University Honors Program
Working with our undergraduate office

Carla Claussen
Stephanie Lawson

• Scheduling advising appointments – advancing holds
• Registration for courses – obtaining permission to register for courses that appear to be closed

• Email: ugrad@math.umn.edu
• Website: math.umn.edu/undergraduate
• Office: 115 Vincent Hall, 612-625-4848
Course planning

• CSE math majors: we will soon send an email prompting you to arrange an advising meeting between now and the beginning of Spring 2019 registration, which opens **Tuesday 13 November**.

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

• Kate Lewis
• Dmitriy Bilyk
• Markus Keel
• Gregg Musiker (honors liaison)
• Arnab Sen
• Natalie Sheils
• and actuarial advisers on a later slide
BA/BS Math specializations

• Actuarial mathematics
• Mathematics Education
• Computer Applications
  – Genomics
  – Physiology
• [No specialization]
Minnesota Center for Financial and Actuarial Mathematics (MCFAM)

• Rina Ashkenazi, Academic Director
• Laurie Derechin, Executive Director
• Aileen Lyle, Adviser
• Doreen Vescelius, Adviser
Organizations & opportunities

- Alex St Martin (Actuary Club)
  actuary@umn.edu
- Julie Sherman (UG research, TA)
- Harini Chandramouli (SIAM, UG research seminar, problem solving)
  chand409@umn.edu
- McCleary Philbin (WiM, MPM)
  wimmn@umn.edu
- Sarah Brauner (Math Club - Th 12:20 - VinH 570)
  mathclub.math.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.
Join us for a reception
upstairs in Vincent Hall 120