Mathematics is a subject with many facets and many applications. The School of Mathematics offers BA and BSMath degree programs that allow many choices. We offer specializations in actuarial mathematics, computer applications, mathematical biology, and mathematics education. However, many of our math majors do not choose a specialization, and, of course, some students make course choices that prepare them well for graduate study in pure and applied mathematics. We also offer courses in mathematics that apply to industry and courses that could lead to careers in business or finance.

The School of Mathematics offers a program in the College of Liberal Arts leading to a bachelor of arts degree. The course of study is flexible and may be adapted to satisfy a wide variety of interests and needs. Students may prepare for graduate study in mathematics or may emphasize various fields of interest, such as preparation for secondary school teaching, actuarial science, or programs in applied mathematics. This includes industrial mathematics, biology, mathematics applicable to computer science, and numerical analysis.

The College of Liberal Arts Advantage: More Than a Major

When you study for a B.A. in Mathematics at the University of Minnesota, you gain the added advantage of a College of Liberal Arts education. At CLA, the liberal arts mean you get more than just a degree in one major or another; it means you will be exposed to different areas of study, to different ways of thinking and learning. In fact, the liberal arts teach you how to learn —how to ask the right questions, how to problem solve, and how to innovate. The liberal arts prepare students for the complexities of our world, because here at CLA you will study not just, say, politics...
or art but also where politics and art intersect, where science and ethics intersect, where economics and the environment intersect.

**Student Experiences**

**Internships: Gain Valuable Experience in the Twin Cities and Beyond**

“Mathematics teaches very important critical thinking skills, which are important for problem-solving and planning. Engaging a diverse group of youth has complimented the analytical aspect of my major with a community-based approach that I can use to complement my analytical skills.”

- Rachel, Intern, Growing Good

*Did you know?* CLA Career Services has its very own internship reflection course! Students taking an internship can use this course to reflect on ways that their work experience is preparing them for successful careers - and receive credit for the work.

**Learning Abroad in Mathematics**

A variety of program options—250 programs in over 70 countries—have been developed to address the diverse needs of students. Programs vary in length, level, academic focus, teaching format, language requirements, cost, and degree of independence demanded of the participant.

The [Learning Abroad Center](https://www.umn.edu/learningabroad) works with many departments, administrative offices and other units within the University to determine appropriate study abroad options for each major and minor, and to help students earn credit toward their degree through study abroad. With planning, students in any undergraduate major can study abroad and fulfill degree requirements.

**Undergraduate Research: Shape Your Curiosity into New Knowledge**

The University has funding opportunities available for undergraduates who wish to gain research experience. Programs such as the Undergraduate Research Opportunities Program (UROP) gives undergraduate students the chance to work closely with faculty members on research projects. Full information about this can
be found in Undergraduate Research Opportunities.

For more on research opportunities for mathematics majors, visit our website.

Student Organizations: Find Friends and Grow as a Leader

- Association for Women in Mathematics
- SIAM Student Chapter
- oSTEM @ Minnesota

Meet Our Faculty

To read about our faculty, visit our website.

Meet Our Alumni

CLA Graduates: Successful Careers and Purposeful Lives

CLA graduates succeed in many different careers — law, health care, medicine, business, government, teaching, advertising, arts and entertainment, international relations, and more — precisely because they understand how to navigate a complex and interconnected world. As our alumni explain below, “Being a good employee means being curious, and continuing to evolve, and learn, and educate yourself, and I can think of no stronger foundation for doing that than a liberal arts education.

“An education in the liberal arts is a springboard to lifelong career success”
-- Dean John Coleman
You might also explore

Mathematics (B.S.)

Admission Information

FRESHMAN: Admission information
TRANSFER STUDENTS: Requirements for the College of Liberal Arts

Beyond admission, if you have questions about transferring, the College of Liberal Arts (CLA) has transfer advisors to help. Please feel free to contact them about any of the topics below!

- Course plans before transferring
- Estimated time to graduation
- Career preparation in CLA
- Getting ready for orientation, if admitted
- Connecting with major/minor departments