

What is Mathematics?

See the Institute of Technology section for the B.S. Mathematics program.

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, including industrial mathematics, mathematics applicable to computer science, and numerical analysis. Programs for specializations in actuarial science, secondary school teaching, and computer science earn a designation that appears on the diploma.

What are the major requirements?

Go to www.catalogs.umn.edu/programs.html and select “Undergraduate majors.”

How do I declare a Mathematics major?

You will be required to declare a major by the time you have completed 60 credits.

1. Talk with an adviser from the department to learn more about the major and its requirements. Appointments can be made by calling 625-4848 or by visiting 115 Vincent Hall.
2. Complete a One-Year Program Plan with the help of the departmental adviser. To qualify for this step, you must have completed at least one sophomore-level calculus course (Math 2243, 2263, 2283 or equivalent) with a grade of C- or better.
3. Bring a copy of the form to your CLA student community.
4. If you decide to change your major, contact your CLA student community for more information on the new major’s declaration process.

What can I do with a major in Mathematics?

Skills

Mathematics majors develop skills that are applicable to a wide variety of careers.

These skills include:

- Strong quantitative reasoning abilities
- Creative problem solving skills
- Analytical and logical reasoning skills
- Independent, self-motivated work ethic
- Ability to formulate clear and persuasive messages
- Listening, clarifying, questioning and responding skills

Employment

Common areas of employment for this major include but are not limited to:

- Government—public information, campaign research, economist

For more information:

About the Mathematics major:

Undergraduate Advising
115 Vincent Hall
(612) 625-4848
<http://www.math.umn.edu/>

About CLA requirements, graduation, and other information about majors:

CLA Languages and Mathematics Student Community
114 Johnston Hall
(612) 624-7540
<http://langmath.class.umn.edu>

or

CLA Martin Luther King, Jr. Program
19 Johnston Hall
(612) 625-2300
<http://www.class.umn.edu/mlk/mlk@class.cla.umn.edu>

About careers, internships, and community learning opportunities in this major and others:

Career and Community Learning Center
135 Johnston Hall
(612) 624-7577
www.cclc.umn.edu
cclc@class.cla.umn.edu

About graduation with honors:

CLA Honors Division
20 Nicholson
(612) 624-5522
www.cla.umn.edu/honors/honors@class.cla.umn.edu

- Sciences—research and development, computation, experimentation
- Business— insurance actuary, research analyst, financial analyst
- Public Relations and Advertising—market research, corporate public affairs, lobbying
- Media— technical writing, investigative research, management
- Arts and Entertainment— writing, managing, development
- Education—teaching, research, student affairs
- Nonprofit—fundraising, programming, account management
- Industry—mathematical modeling, numerical methods

Today's workplace requires individuals with interpersonal skills, the ability to communicate effectively, an ability to solve problems, and adaptability. CLA graduates find that they are well-prepared in all these areas and that their education—especially when combined with experience gained through internships, volunteer positions, past jobs, and other collegiate involvement—makes them competitive.

The **Career & Community Learning Center** provides students with the tools to identify and pursue potential careers. An extensive resource room, career courses and workshops, and a helpful staff are just some of the ways we can help.

Remember!

You have not declared a major until you have:

- completed a Major Program form with your major adviser,
- filed a copy with the major department,
- and filed a copy with your CLA student community.

Don't forget: keep a copy for yourself!