Teaching Mathematics B.A.Sc.

Major
Bachelor of Applied Science
Education
College of Education and Human Service Professions

The Bachelor of Applied Science (B.A.Sc.) in Teaching Mathematics is offered by the Department of Education in conjunction with the Department of Mathematics and Statistics. Students expand their knowledge by taking a variety of mathematics courses. They look at mathematics from different perspectives and develop their teaching mathematics knowledge through coursework and classroom experiences. The secondary teacher education program (STEP) offers a variety of content areas for specialization. Classes will include a combination of specific content area and teacher education coursework. Within the teacher education program, students will have hands-on exposure to classrooms through volunteer experiences, field apprenticeships, and student teaching.

Why UMD

- Graduates will be eligible for MN licensure in Teaching Mathematics grades 5-12.
- Focused coursework on teaching about and with American Indians, as well as the role of diversity in American education; candidates develop an understanding of working with all learners.
- Known for preparing teachers who are technologically adept and skillful.
- Program is relevant and current, faculty engage in best practices, professional collaborations, and research in education.
- Field-based program with many weeks of opportunities to be immersed in multiple classrooms.
- Opportunity to student teach abroad.

Acquired Skills

- Effective lesson plan design and instruction.
- Oral and written communication skills.
- Ability to create instruction opportunities that are adapted to students with diverse backgrounds and exceptionalities.
- Use of data to improve programs and instruction.

Career Possibilities

Entry Level:
Middle or high school teacher
Student Affairs in Higher Education
Human Resources

Advanced Degree:

- Dean of Students
- Principal
- School Counselor
- Superintendent
- Community College Instructor

Scholarships

Students in CEHSP are eligible to apply for more than 100 scholarships each academic year typically totaling $120,000 annually. For more information on scholarship opportunities, visit our scholarship webpage (https://z.umn.edu/scholarshipcehsp).
UMD's Education Department has over 25 scholarships ranging from $1,000 to $10,000. Scholarships vary in criteria and some are specifically for subject areas or students entering student teaching in the US or starting their student teaching abroad.

Student Clubs

- Education MN Student Association (EMSA)
- Math Club

Faculty Highlights

- Recipients of campus and college awards for outstanding teaching, research, advising, and service.
- Faculty members are dedicated teachers, academic advisors, scholarly researchers, and curriculum designers.

Graduate Report

Recent UMD Graduates Job Placement Data & Employers

Here's a sampling of positions Teaching Mathematics grads have attained six months to one year after graduation.

- 8th Grade Mathematics Teacher - Bloomington Public Schools, Bloomington, MN
- Mathematics Teacher - Cherry Creek Schools, Aurora, CO
- High School Mathematics Teacher - Chisholm Public Schools, Chisholm, MN
- Mathematics Teacher - School District of Maple, Maple, WI
- Mathematics Teacher - Stella Maris Academy, Duluth, MN

For more data see the Teaching Mathematics Graduate Follow-Up Report.
For ideas about Teaching Mathematics and other majors visit Career & Internship Services.