

# Mathematics: Secondary Teaching Emphasis MA

[distance.uni.edu/secondary-math](https://distance.uni.edu/secondary-math)

**UNI** at a **Distance**  
UNIVERSITY OF NORTHERN IOWA



New cohort to begin  
**June 2021**

## Why UNI?

Recognized nationally as one of the best secondary education programs by BestColleges.com for exceptional academic online programming, this program follows a professional development model that is set in the context of classroom practice. Program content, understandings, and experiences are directly and explicitly linked to students' teaching.

Students in this program find that the cohort model provides support and camaraderie found with other teachers going through similar experiences and is one of the most important aspects in helping analyze their teaching and vital to the teacher change process.

This program serves to broaden and deepen the understanding of mathematics and mathematics pedagogy. Student will enhance their teaching methods and strategies as secondary educators.

## Program highlights

This program incorporates a dynamic relationship between theory and practice, and focuses on the development of teachers as reflective practitioners.

## Qualifications

You are expected to have experience teaching mathematics and be certified for the Secondary Teaching program. A commitment to change, a willingness to incorporate new activities and approaches in the classroom, involvement in professional growth opportunities, and administrative support for district leadership are considered in the selection process. The Graduate Record Examination (GRE) is not required for admission into the program.

## HAVE QUESTIONS?

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## » APPLY ONLINE

Visit [uni.edu/apply](https://uni.edu/apply) to apply online as soon as possible. Applications received by **April 16, 2021** will receive full consideration.

Not ready to apply? Visit the program website to complete an online interest form and receive additional information.

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### Course sequence (tentative)

33 total units of credit | units in parentheses following course titles

#### Summer 2021

**MATH 6201** Foundations of Mathematics Education (3)  
**MATH 6212** Foundations of Algebraic Reasoning (3)

#### Fall 2021

**MATH 6371** Probability and Statistical Inference (3)  
**MATH 6381** Current Research in Mathematics Education (3)

#### Spring 2022

**MATH 6225** Teaching and Learning Mathematics (3)  
**MATH 6236** Equity and Mathematics Education (3)

#### Summer 2022

**MATH 6215** Foundations of Geometric Reasoning (3) **OR**  
**MATH 6670** Non-Euclidean Geometry (3)  
**MATH 6370** Applied Linear Statistical Methods (3)

#### Fall 2022

**MATH 6209** Curriculum & Assessment (3)  
**MATH 6299\*** Research (1-2)

#### Spring 2023

**MATH 6205** Teaching Rational Numbers and Proportionality (3) **OR**  
**MATH 6410** Foundations of Calculus (3)  
**MATH 6299\*** Research (1-2)

*\*Not a requirement to graduate. May be taken in conjunction with the required research paper to earn credit.*

*Delivery of this program is subject to minimum enrollment requirements.*

### Flexible delivery

Fall and spring courses are offered online using Blackboard, a dynamic platform that will enhance your learning experience and provide a sense of community with fellow classmates. Using a cohort model, students will study with the same group of adult learners for the duration of the program.

Summer courses are offered in a blended format and include two weeks of on-campus instruction, typically during the last two weeks of June.

### Affordability

UNI strives to make graduate education an affordable investment. Financial aid is available for students who qualify, based on number of units per semester and financial need.

#### Financial aid

Students must submit a FAFSA to be considered for federal financial aid. Questions may be directed to the UNI Office of Financial Aid & Scholarships.

319-273-2700 | [fin-aid@uni.edu](mailto:fin-aid@uni.edu)

For more information, visit [finaid.uni.edu/financing-graduate-school](https://finaid.uni.edu/financing-graduate-school).

#### Tuition & fees for 2020-21\*

**\$509** per unit of graduate credit

**\$38** technology fee per course

**\$100** records and documents fee

*(Covers all transcripts and other fees. Charged at the time of graduation.)*

*\*Tuition and fees may be adjusted by the Iowa Board of Regents.*