

Mathematics for Elementary and Middle Grades (K-8)

distance.uni.edu/elem-middle-level-math

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



New cohort to begin
June 2021

Why UNI?

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.

The purpose of this program is to develop highly-trained, knowledgeable teachers of mathematics at the elementary and middle grades (K-8) levels. Graduates possess the ability, insight, confidence, and commitment to implement mathematics programs as envisioned by the National Council of Teachers of Mathematics (NCTM) standards.

Program highlights

This program is built around a core foundation of strategies, including teaching and learning mathematics, implementing programs, understanding school mathematics goals, and providing leadership in bringing about change.

Qualifications

You are expected to be certified and have experience teaching mathematics. 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 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 6227 Data Analysis, Probability, and Discrete Mathematical Reasoning (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)

MATH 6216 Number and Operations (3)

Fall 2022

MATH 6209 Curriculum & Assessment (3)

MATH 6299* Research (1-2)

Spring 2023

MATH 6205 Teaching Rational Numbers and Proportionality (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

For more information, visit 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.*