



The School of Education and The Math Forum @ Drexel

welcomes applications to its

Graduate Programs in Mathematics Education



A graduate program grounded in current research and established best practices in mathematics education, including:

- *focusing on the development of communities of practice and lifelong learning*
- *integrating technology appropriately and effectively*
- *implementing student-centered and problem-based instruction*

Math Education @ Drexel:

People Learning Mathematics Together

The Mathematics Learning and Teaching program at Drexel was developed with the same philosophy and vision that guides the Math Forum: "People Learning and Teaching Mathematics Together." In particular, this is reflected in the emphasis on collaborative mathematics problem solving that takes place throughout the program.

The MLT program provides opportunities that are grounded in classrooms -- and often, each participant's own classroom:

- 500-level "content" courses provide opportunities to think deeply about middle and secondary math content: organizing, extending, and generalizing it with an emphasis on student thinking and development.
- 600-level courses help participants focus their attention on student thinking as a resource for instructional decision making and developing mini "action research" projects focusing on student development.

All courses are **100% Online** and **Asynchronous**, allowing students to learn and advance their career on their own schedule

Program Options

- The **M.S. in Mathematics Learning & Teaching** consists of a core set of math education courses, related education courses focusing on current topics and best practices in education, and electives (45 graduate credits).
- The **Certificate of Graduate Studies in Mathematics Learning & Teaching** consists of five courses and is designed to provide participants with an introduction to problem-based, student-centered, and technology-enhanced instruction, while preparing teachers for further graduate study (15 graduate credits).

Comments from Students

"Now I am armed with tools and knowledge to better ground the activities in math theory and application."

"I have found that the solutions I get at the end have a much greater and clearer meaning for the students after these discussions."

About the Drexel School of Education

In the 2009 edition of U.S. News & World Report, Drexel University's School of Education is recognized as one of "America's Best Graduate Schools" based on such key criteria as academic reputation, selectivity, faculty resources and research. Drexel offers programs in teacher education, higher education, global and international education, educational leadership and learning technology.

Drexel University is a private, nonsectarian, coeducational university founded in 1891. Located in Downtown Philadelphia, Drexel is Philadelphia's technological university and a leader in curricular innovation.

For the sixth consecutive year, Drexel has been ranked in the category of Best National Universities in "America's Best Colleges" by U.S. News & World Report. Drexel also ranked sixth among national universities in the first U.S. News list of "Schools to Watch," ranking the nation's top "up-and-coming schools."

For More Information

- Visit <http://drexel.com/mathed> for specific information and application requirements

★ **BE SURE TO MENTION NCTM AND BE ELIGIBLE FOR A TUITION DISCOUNT** ★

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PEOPLE LEARNING MATH TOGETHER

The Math Forum is a research and educational enterprise of the Drexel University School of Education