MATH ED MINOR
March 9, 2015

Standalone Doctoral Minor in Mathematics Education
Bulletin Description
(15 credit hours)

The Mathematics Education Minor is designed to help doctoral students learn about research on the learning and teaching of mathematics, and research on the preparation of mathematics teachers. The minor will be personalized, designed by the student and his/her minor advisor. Students are required to take a minimum of 2 doctoral seminars in mathematics education (normally N716) and 3 credits of independent study (N590) or internship (N610) in mathematics education. The remaining 6 hours can be chosen from N543, N517, N518, N590, N610, or N716. There is no qualifying exam required for the mathematics education minor.

Standalone Doctoral Minor in Mathematics Education
Full Description
(15 credit hours)

The Mathematics Education Minor is designed to help doctoral students explore research on the learning and teaching of mathematics and research on the preparation of mathematics teachers. The minor will be personalized, designed by the student and his/her minor advisor so that it matches the student's particular background, professional experience, and career goal. At the same time, the minor must demonstrate wholeness within itself, relate to the candidate's major field of specialization, and make a contribution to the professional development of the candidate. Students are required to take a minimum of 2 doctoral seminars in mathematics education (normally N716) and 3 credits of independent study (N590) or internship (N610) in mathematics education. The remaining 6 hours can be chosen from N543, N517, N518, N590, N610, or N716. Other mathematics education courses can be included with approval from the minor advisor. Each time a student enrolls in independent studies or research, such as N590 or N610, a different member of the mathematics education faculty should direct the experience. There is no qualifying exam required for the mathematics education minor.

Below are examples of courses that may be included in the Mathematics Education Minor.

N716: Topical Seminar in Mathematics Education (6 cr required)
N543: Advanced Study in the Teaching of Elementary School Mathematics
N517: Advanced Study in the Teaching of Secondary School Mathematics
N518: Advanced Methods of Teaching MD/JR HS Mathematics
N590: Independent Study or Research in Mathematics Education
N610: Internship in Mathematics Education