

Program: **Mathematics Education** (BS, Ed.M., MAT, MMT, CAGS, EdD)

Program Contact and Title: **Ziv Feldman**, Program Director

College/School Contact and Title: *SED Donna Lehr, Associate Dean – Academic Affairs*

Learning Outcomes: CAGS in Mathematics Education

Students will:

1. Demonstrate the ability to conduct a comprehensive literature review on a relevant topic in mathematics education.
2. Demonstrate and articulate mathematical knowledge for teaching that connects knowledge of content, teaching practices, student learning, curriculum, and issues of equity across grade bands.
3. Demonstrate the ability to design a professional development program that reflects research in mathematics education on teaching, student and teacher learning, and curriculum.
4. Demonstrate competency in identifying, interpreting and using relevant research in mathematics education to systematically improve professional practice.