

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: M.M.T. in Mathematics Education

Students will:

1. Demonstrate a deep understanding of advanced mathematics content and its relation to K-12 school mathematics curricula and instruction.
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 interpreting and using research in mathematics education to systematically improve their own professional practices.