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James A. Mendoza Epperson* (epperson@uta.edu), Box 19408, Department of Mathematics, UT-Arlington, Arlington, TX 76019-0408, and **Kathryn Rhoads**. *Graduate Courses in Mathematics for Teachers: The University of Texas at Arlington Master of Arts in Mathematics Program for Secondary Mathematics Teachers.*

The Master of Arts (MA) in Mathematics program in the Department of Mathematics at The University of Texas at Arlington focuses on extending undergraduate mathematics in the area of specialized content for secondary mathematics teaching. The program offers opportunities for inservice teachers to deepen and connect their mathematical knowledge of high school concepts from an advanced standpoint. The courses in the MA program simultaneously integrate rigorous mathematics, effective pedagogy, and mathematics education research on student learning. As such, they incorporate instruction that models research-based teaching techniques and strategies in the context of in-depth mathematical concepts grounded in school mathematics, multiple opportunities for incorporating current mathematics-specific technologies and applications, and high yield problem solving experiences for exploring mathematical connections and applications using high quality curriculum resources in mathematics.

We will highlight the structure of the program, course descriptions, and provide examples of mathematics content and evaluation standards. Support for faculty teaching in the program and external funding sources will also be discussed. (Received September 22, 2015)