

### **MAED 4418: Pedagogical Content Knowledge for Mathematics III**

#### **2 Credit Hours**

*Prerequisite:* MAED 4416, MAED 3395, and MAED 3495

*Concurrent:* MAED 4650

This is the third of three courses in a professional sequence toward becoming a well-prepared beginning secondary mathematics teacher. Topics include enhanced assessment and feedback strategies, developing classroom culture, and refining notions of learning, teaching, and equity. Students will apply their learning in an accompanying clinical experience.

### **MAED 4424: Teaching Secondary Mathematics- Practicum I**

#### **1 Credit Hours**

*Prerequisite:* Admission to the Teacher Education Program. *Corequisite:* MAED 4414

### **MAED 4426: Teaching Secondary Mathematics- Practicum II**

#### **1 Credit Hours**

*Prerequisite:* MAED 4424 *Concurrent:*

MAED 4416

Under the guidance of a collaborating teaching and a university instructor, the teacher candidate will complete a field experience in a designated school. This experience requires working in a co-teaching environment with learners and focuses on supporting learners' mathematical discourse.

Notes: Proof of professional liability insurance and a pre-service teaching certificate is required.

### **MAED 4475: Student Teaching: Mathematics (6-12)**

#### **12 Credit Hours**

*Prerequisite:* Admission to Student Teaching.

Full-time teaching experience in mathematics under the supervision of a public school cooperating teacher and a specialist in mathematics education. Includes a regularly scheduled seminar. Proof of professional liability insurance is required prior to placement in a school.

### **MAED 4490: Special Topics in Mathematics Education**

#### **1-6 Credit Hours**

*Prerequisite:* Approval of the instructor and department chair.

Selected topics of interest to faculty and students.