

MAED 4495: Advanced Perspectives on School Mathematics Part II

3 Credit Hours

Prerequisite: MAED 3495

Students understanding of secondary mathematics will be deepened and broadened through the study of algebraic structures, analytic geometry, and trigonometry, including conic sections, complex numbers, polynomials and functions. This course is designed so that students can revisit key ideas in high school mathematics, bringing with them the skills and understandings of college course work in mathematics, deepening and broadening their understanding, and connecting more advanced ideas to the topics they will teach in high school.

MAED 4498: Internship in Teaching Mathematics (6-12)

12 Credit Hours

Prerequisite: Provisional teaching license issued by the state of Georgia; full-time employment teaching mathematics.

Student Teaching experience in mathematics for provisionally certified teachers. Supervision will be in collaboration with a mentor or teacher in the local school and a specialist in mathematics education.

Notes: Successful completion of one semester of MAED 4495 at the same school will substitute for MAED 4475. Proof of professional liability insurance is required. Student must be employed in a secondary school to qualify. Repeatable.

MAED 4650: Yearlong Clinical Experience I

3 Credit Hours

Prerequisite: Admission to Teacher Education Program. Corequisite: MAED 4418 and EDUC 4610

This course is the first semester of an intensive and extensive co-teaching yearlong clinical practice in mathematics education. Under the guidance of a collaborating teacher and university supervisor and working in an environment that includes students with exceptionalities and English learners, candidates practice professional competencies that impact student achievement. This experience includes regularly scheduled professional seminars.

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