

EDSM 4414: Teaching Secondary Math and Science- Practicum I

1 Credit Hours

Prerequisite: Admission to the Teacher Education Program: Obtain Pre-Service Certificate

Concurrent: SCED 4414 or MAED 4414

Under the guidance of a collaborating teacher 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 diverse learners and focuses on understanding and responding to learners' mathematical or scientific reasoning.

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

EDSM 4418: Methods of Teaching Secondary Math & Science II

3 Credit Hours

Prerequisite: EDSM 4416; at least 18 hours of required courses in the content area (science or math)

Concurrent: MAED 4650 or SCED 4650

This is the third of three courses in a professional sequence toward becoming a well-prepared beginning secondary mathematics or science 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 field experience.

EDRD 3320: Understanding the Reader and the Reading Process

3 Credit Hours

Prerequisite: EDUC 2110

A study of the socio-psycholinguistic foundations of reading and writing for teachers of adolescents. This course examines language development, reading acquisition, phonemic awareness, word identification, phonics, vocabulary, fluency, comprehension and motivation. It explores historical perspectives of reading, reading research and theory, and introduces students to a wide range of instructional practices and curriculum materials that meet the needs of all adolescent learners.