Minor in Secondary Education: Mathematics (SEMA)

A minor in education is defined as: Any combination of 18 semester hours chosen from Art Education (ARED), Early Childhood Education (ECED), Educational Psychology (EDPY), Elementary Education (ELED), Foundations of Education (FOED), Music Education (MUED), Reading (READ), Secondary Education (SEED), and Special Education (SPED).

If a student pursuing a B.S. degree in Mathematics thinks they may also want to work toward obtaining a teaching license to teach high school, they should earn a minor in Secondary Education Mathematics by taking 18 hours from among the following courses. **Note:** completing the minor does not meet all requirements for teacher licensure (see below).

FOED 2011 and FOED 1822 (co-requisites; 3 hrs): Introduction to Teaching & Technology; Introduction to Field Experience (**required for admission to Teacher Ed.**)

A student must be complete all requirements for Admission to the Teacher Education program in order to be allowed to register for the following courses. See www.tntech.edu/teachered

FOED 3010 (3 hrs): Integrating Instructional Technology in the Classroom

READ 3350 (3 hrs): Teaching Reading in the Content Areas

EDPY 3300 (3 hrs): Evaluation and Guidance

SPED 3000 (3 hrs): Persons with Disabilities in Regular Classrooms

SEED 4322 (3 hrs): Teaching Algebra in Middle/High School (Fall only)

SEED 4422 (3 hrs): Teaching Mathematics with Technology (Fall only)

SEED 4122 & FOED 3820 (co-requisites; 5 hrs): Materials and Methods of Teaching Mathematics with Field Experience (Spring only)

All of the above courses (totaling 26 credit hours) are required by the state of Tennessee for licensure to teach high school. Taking 18 hours as a minor will leave only 14 hours of education coursework to complete later for licensure. Additional licensure requirements include some specific math courses, passing the appropriate Praxis II exams, and perhaps, student teaching.

Since there are a variety of different paths to licensure, a mathematics student interested working toward licensure should consult Dr. Holly Anthony about their options and have her serve as an advisor on education course selection.

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