

Specialization - Science/Mathematics

- [M.Ed. in Curriculum and Instruction](#)
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M.Ed. in Curriculum and Instruction Description

The M.Ed. in curriculum and instruction is offered with four emphasis areas: elementary education, special education, literacy education, and secondary education. The latter emphasis can also be completed with one of four specializations: English education, mathematics education, science education (biology, physics, and chemistry), and social studies education. For each program, candidates engage in readings, research, discussions, simulations, reflections, applications, and field experiences/clinical practices intended to help them grow as reflective education professionals.

ADMISSION REQUIREMENTS

Results from a national standardized achievement/aptitude test predictive of the ability to complete a graduate program successfully or a teaching license. The standardized tests include but are not limited to: Passing Score on Praxis II Content Field, or Passing Score on Praxis II PLT, or competitive Graduate Record Examination scores (GRE: all sections).

Minimum Total Credit Hours: 30 Goals/Mission Statement

The philosophy of the Department of Curriculum and Instruction, as it applies to the preparation of teachers, is reflected by the belief that teachers should be prepared to - Develop and engage in appropriate teaching strategies by studying, interacting, practicing, and reflecting; - Collaborate in identifying and meeting the broad range of goals for which schools are responsible in today's society; - Show by modeling and encouraging students the dispositions of leading, thinking, problem solving, and lifelong learning; - Respect and serve culturally diverse populations and communities; and - Assume responsibility for the quality and effectiveness of their professional lives.

Course Requirements

The M.Ed. degree requires 30 semester hours of course work with emphasis in elementary, secondary, literacy or special education. All candidates for the degree must take Educational Research I (Edrs 605) and Advanced Curriculum Theory and Practice (Edci 601).

Emphasis - Elementary Education Description

The M.Ed. with an emphasis in elementary education enables a student to specialize in language arts/reading or science/mathematics. The M.Ed. program addresses national board standards with special emphasis placed on lifelong learning, research findings, and innovative curricula.

Course Requirements

The M.Ed. in curriculum and instruction with emphasis in elementary education requires the following: professional core courses (9 hours, Edrs 605, Edci 601, Edci 503); specialization area courses (15 hours from either language arts/reading or math/science); and 6 hours of electives (electives must be approved by the adviser). Total hours in the master's program are 30.

Other Academic Requirements

M.Ed. candidates must successfully complete a professional portfolio and have a minimum of 45 hours of adviser-approved field experiences. M.Ed. candidates must also pass a comprehensive exam at the end of their program.

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