Specialization - Science/Chemistry

M.A.T. in Teaching

Description
The M.A.T. in Teaching is a program designed for non-education majors (persons who hold bachelor’s degrees in an area other than education) who wish to earn teacher licensure and a Master's degree concurrently. Within the M.A.T. in Teaching, there are two options.

Minimum Total Credit Hours: 30

Course Requirements

Option One
The M.A.T. in Teaching, Option One, is a 30 to 33 hour program designed to be completed in 12 to 15 months. Additional information, step-by-step application instructions and necessary forms are available by contacting the department.

Preliminary Requirements
Applicants must submit official scores on the Praxis I and Praxis II. Applicants must have passed the Praxis I before applications will be considered. Any potential candidate who has not passed Praxis II, but who meets all other requirements will be admitted conditionally. Praxis II must be completed and passed by the end of the first 9 (nine) hours of the program. Candidates not meeting this condition will be removed from the program.

Option Two
The M.A.T. in Teaching, Option Two, is offered for students who participate in the Mississippi Teacher Corps program. Teacher Corps is a two-year program, similar to the Peace Corps, that recruits college graduates to teach in the Mississippi Delta.

Emphasis - Teacher Corps
Course Requirements
The subject area teaching emphasis is available for alternate certification for arts and science majors participating in the Mississippi Teacher Corps Program. In order to receive full admission to the degree program, applicants must present evidence of having met the required score established by the Mississippi State Department of Education on the Praxis I and Praxis II (Subject Area Exam) in the content area of biology, chemistry, English, French, mathematics, physics, social studies, or Spanish. The emphasis in subject area teaching requires 30 hours of graduate course work, to include:

- INITIAL SUMMER COMPONENT (9 hours) EDSE 500. FOUNDATIONS OF SECONDARY EDUCATION EDSE 501. CLASSROOM PRACTICES EDSE 502.
- MULTICULTURAL FIELD EXPERIENCES FALL SEMESTER (6 hours) EDSE 600. EFFECTIVE TEACHING AND COMMUNITY SERVICE *Students take one of the advanced methods courses that correspond to their certification area. EDSE 642. ADVANCED METHODS OF TEACHING ENGLISH EDCI 643. ADVANCED METHODS OF TEACHING FOREIGN LANGUAGE EDSE 645. ADVANCED METHODS OF TEACHING MATHEMATICS EDSE 646.
- ADVANCED METHODS OF TEACHING SCIENCE EDSE 647. ADVANCED METHODS OF TEACHING SOCIAL STUDIES SPRING SEMESTER (6 hours) EDCI 557. COMPUTER CONCEPTS AND APPLICATIONS FOR EDUCATORS EDSE 610. INNOVATIONS IN EDUCATION SUMMER SESSION (6 hours) EDRS 605. EDUCATIONAL RESEARCH I EDDL 641. THE LEGAL CONTEXT OF EDUCATION FALL SEMESTER (3 hours) EDDL 501. THE EFFECTIVE PRINCIPAL. In addition, the student must successfully defend a program portfolio. For additional information about the program, contact the director of the Mississippi Teacher Corps.