

## Specialization - Physics

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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.

#### 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 - Secondary Education Description

The M.Ed. with an emphasis in secondary education can be completed with a specialization in English education, mathematics education, science education, or social studies education. The 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 secondary education requires students to complete a set of professional core courses (9 hours, Edrs 605, Edci 601, Edci 503) and to complete one of two options. Option I candidates are required to take 15 hours based on their specialization area (English, mathematics, science, or social studies) and two (6 hours) electives. Option II requires candidates to be full-time students at the Oxford campus and to take 21 hours of content courses from the specialization area. All courses must be approved by the candidate's 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.

### Specialization - Physics Description

The student is required to complete Edse 646 plus fifteen hours of graduate credit at the 500 or 600 level in Physics with the approval of the student's advisor.

#### Degree Requirements

The academic regulations for this degree program, as entered in the University of Mississippi Catalog, are in effect for the current or selected academic year and semester. The University of Mississippi reserves the right to 1) change or withdraw courses; 2) change rules for registration, instruction, and graduation; and 3) change other regulations affecting the student body at any time.

### M.Ed. in Curriculum and Instruction

| REQUIREMENT                      | HOURS | DESCRIPTION  |
|----------------------------------|-------|--|
| <a href="#">Edrs 605</a> - C min | 3     | Complete <a href="#">Edrs 605</a> with a grade of C or better.                                 |
| <a href="#">Edci 503</a> - C min | 3     | Complete <a href="#">Edci 503</a> with a grade of C or better.                                 |
| <a href="#">Edci 601</a> - C min | 3     | Complete <a href="#">Edci 601</a> with a grade of C or better.                                 |
| Comprehensive exam               |       | Student must pass a comprehensive examination.   |
| Field experiences                |       | Student must complete at least 45 hours of field experiences as approved by his/her GPC/Chair. |
| Portfolio                        |       | Student must complete a professional portfolio.  |
| Select an emphasis               |       | Select an emphasis in elementary education, secondary education, or special education.         |
| GPA requirements                 |       | A cumulative average of not less than 3.0 (B) must be achieved in all graduate work taken.     |



| REQUIREMENT                 | HOURS | DESCRIPTION  |
|-----------------------------|-------|--|
| Engineering Dean's approval |       | This Degree Audit program is an advising tool only. The student must still apply for a degree by returning a completed Degree Application Form to the dean's office before the last day to add classes in the semester preceding the semester in which the student expects to graduate. The Dean's Office will make the final certification that the courses listed on the application qualify the student for graduation. The Dean's Office will also determine if other university requirements (GPA, etc.) have been met. |

### Emphasis - Secondary Education

| REQUIREMENT        | HOURS | DESCRIPTION   |
|--------------------|-------|---|
| Complete an option |       | Student must option one of the two secondary education options. Option 1 requires the student to complete 15 hours of course work in their specialization area and 6 hours of electives. Option 2 requires the student to complete 21 hours of course work in their specialization area and be a full-time student at the Oxford campus. All courses must be approved by the student's GPC/Chair. |
| Option 1           |       | To complete option 1, student must complete the following requirements: - 15 hours of course work based on their specialization area (English, mathematics, science, or social studies) and - 6 hours of electives approved by the student's GPC/Chair.   |
| Option 2           |       | To complete option 2, student must complete the following requirements: - 21 hours of course work based on their specialization area (English, mathematics, science, or social studies) and - Be a full-time student at the Oxford campus.  |

