

## Specialization - Science/Chemistry

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### Ph.D. in Education Minimum Total Credit Hours: 90 Emphasis - Secondary Education Description

The Ph.D. in education with emphasis in secondary education can be completed with specializations in English, mathematics, science, and social studies education. Candidates in the program address national board standards, conduct research and further their development of leadership skills. Graduates may assume positions as university faculty and leaders in other educational settings. Doctoral-level graduates generate and utilize research, apply research and theory in curriculum development, and communicate ideas through writing and speaking with other professionals in the field.

#### 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 Ph.D. with an emphasis in secondary education requires 99 semester hours beyond the bachelor's degree, including 18 dissertation hours. The 99 hours include 18 hours of professional core courses, 33 hours of specialization to include 24 hours in a content field, and 18 hours of courses in a related field. The professional core includes Edrs 501- Educational Statistics I, Edrs 701-Educational Statistics II, Edrs 605- Educational Research I, Edrs 704- Foundations of Qualitative Research Methods, Edrs 705-Educational Research II, and Edfd 609-The Cultural Context of Education. All electives should be approved by the candidate's adviser.

#### Other Academic Requirements

Doctoral candidates must complete a written comprehensive exam, present a professional portfolio and a complete dissertation, in addition to completing 75 hours of approved field experiences.

### Specialization - Science/Chemistry 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.

#### Ph.D. in Education

REQUIREMENT	HOURS	DESCRIPTION
Comprehensive exam		Student must pass a comprehensive examination.
Oral defense		Every candidate for the Ph.D. degree must successfully pass a final oral examination (defense of dissertation) administered by the student's dissertation committee and scheduled by the Graduate School.
Select an emphasis		Student must select an emphasis within the Ph.D. in Education: Education Leadership (K-12) or Secondary Education.
Submit Dissertation		Student must submit a dissertation to his/her GPC/Chair. The dissertation must conform to the regulations governing style set forth in "A Manual of Thesis and Dissertations Preparations", available in the Graduate School Office. Two copies of the dissertation must be presented to the Graduate School after the final examination for the doctorate has been accepted and before the beginning of the regular examination period for the semester in which the candidate plans to graduate.
GPA requirements		A cumulative average of not less than 3.0 (B) must be achieved in all graduate work taken.
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
<a href="#">Edfd 609</a> - C min	3	Complete <a href="#">Edfd 609</a> with a grade of C or better.
<a href="#">Edrs 501</a> - C min	3	Complete <a href="#">Edrs 501</a> with a grade of C or better.



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="#">Edrs 701</a> - C min	3	Complete <a href="#">Edrs 701</a> with a grade of C or better.
<a href="#">Edrs 704</a> - C min	3	Complete <a href="#">Edrs 704</a> with a grade of C or better.
<a href="#">Edrs 705</a> - C min	3	Complete <a href="#">Edrs 705</a> with a grade of C or better.
<a href="#">Edse 797</a>	18	Complete at least 18 hours of dissertation ( <a href="#">Edse 797</a> ).
Field experiences		Student must complete at least 75 hours of field experiences as approved by the student's GPC/Chair.
Portfolio		Student must complete a professional portfolio.
Related field	18	Student must complete at least 18 hours of courses in a related field. All courses must be approved by the student's GPC/Chair.
Spec courses	33	Student must complete at least 33 hours of specialization to include 24 hours in a content field. All courses must be approved by the student's GPC/Chair.

