Specialization - Science/Physics

- Ph.D. in Education
- Emphasis - Secondary Education
- Specialization - Science/Physics

Ph.D. in Education

Minimum Total Credit Hours: 69

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. The Ph.D. in education with emphasis in secondary education is 69 hours above the master's/specialist's degree(s). Candidates in the program acquire deeper and broader skills and knowledge of the field of secondary education. Doctoral-level classes emphasize current research-based theories and practice designed to prepare candidates for leadership positions in secondary education.

Doctoral degree graduates complete a program of study that requires a minimum of 69 graduate hours of coursework post master's/specialist's degree(s), which includes 18 hours of dissertation. Each doctoral candidate will successfully complete and defend a written comprehensive examination and a dissertation representing independent and original research.

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

Below is a listing of the courses to complete in order to satisfy the degree plan in the secondary education Ph.D. program. The courses are organized here to convey thematic categories within the degree program rather than to reflect the chronological order or exactly how they will be grouped when listed on the Department of Teacher Education advising forms or website. More information on each course is available through the course listings in the Graduate Catalog. The degree program requires at least 69 hours of coursework.

Professional Core (18 hours)

- Edfd 609-The Cultural Context of Education
- Edfd 707-The Professional Philosophy: Foundations of Educational * Epistemology
- Edrs 701-Educational Statistics II
- Edrs 704-Intro to Qualitative Research Methods
- Edrs 705-Advanced Quantitative Research Methods OR Edrs 706-Applied Qualitative Research Methods
- Edrs 733-Special Topics (either Quantitative or Qualitative)

Professional Competencies (9 hours)

- Edci 705-Directed Studies: Professional Competency College Teaching
- Edci 702-Directed Studies: Professional Competency Collaborative Research
- Edci 706-Directed Studies: Professional Competency Collaborative Writing

Doctoral Seminar and Internship (6 hours)

- Edci 700-Doctoral Seminar I (Research Review, Literature Review Procedures, CV)
- Edci 790-Doctoral Seminar II (Job Search, Job Interviews, Grant Writing)

Specialization (18 hours)

Candidates will work closely with their academic advisers to select specialized courses that align with the candidates' professional and academic goals.

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.

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The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.