B.A.Ed. in Mathematics Education

Overview

Degree Requirements

Description

The B.A.E. degree with a major in mathematics education prepares graduates to be eligible for certification in Mississippi to teach mathematics in grades 7-12. Graduates may also teach other subjects by gaining supplemental endorsements. (See an advisor for more information.)

Minimum Total Credit Hours: 122

General Education Requirements

General Education Course Requirements: The core/general education requirements for the B.A.E. degree are as follows:

- 6 hours of English composition (Writ 100 or Writ 101 and Writ 102 or Liba 102);
- 6 hours of literature;
- 6 hours of history; college algebra or higher;
- 3-4 hour biological science course with laboratory;
- 3-4 hour physics, astronomy, or physical science II course with laboratory;
- 3-4 hour course in geology, chemistry, or physical science I;
- a 3-hour course in fine arts (appreciation or history of);
- one additional 3-hour course in mathematics or science (Secondary Education majors and Special Education majors only);
- Edci 352, Edsp 308, and Edsp 327 are the only professional education courses that may be taken prior to admission to Phase II. Elementary education majors may also take Edrd 355. A minimum grade of "C" in all professional education courses is required.

Other Academic Requirements

Admission to Phase II: Professional Education Core - Requirements for admission to teacher education are as follows:

1. Completion of core curriculum. Students responsible for submitting grades to the Office of the Dean for courses taken at other institutions. *Music education majors must complete the 45 hours from the liberal arts general education core and Mus 301, 302, 305, and 311.
2. Applicants who apply for admission to Phase II must have a 2.75 grade-point average.
3. Passing scores on the Praxis 1: Pre-Professional Skills Tests (PPST) or SAT or ACT scores (see below).

- PPST Scores Required: Reading—170 Writing—172 Math—169
- Exception: Students who provide proof of SAT scores of at least 860 or ACT scores of at least a 21 overall composite with no scores lower than 18 in the other 4 subject areas are exempt from taking the Praxis I. (ACT or SAT scores must be from tests taken prior to admission to a college or university).

4. Courses Edci 352, Edsp 308, and Edsp 327 are the only professional education courses that may be taken prior to admission to Phase II. Elementary education majors may also take Edrd 355. A minimum grade of "C" in all professional education courses is required.

Note: A minimum grade of "C" is expected in all professional education courses, content courses, and related courses. If this minimum of "C" is not met, the course(s) must be retaken before enrolling in the next level of professional education courses.

Course Requirements

In addition to completion of the core curriculum, the B.A.E. with a major in mathematics education requires the professional education courses shown below plus the following content area, related areas, and electives to reach a minimum of 122 semester hours:

- Content Area Courses (36 hours): Math 261, 262, 263, 264, 301, 305, 319, 375, 390, 533, 540, and either Math 353, 454, 459, or 525
- Related Areas (6 hours): Csci 111, Edci 557
- Other Electives (6 hours): Professional Education Courses (30 hours)

(*Admission to Phase II of the Teacher Education Program is required before taking these courses.)

Other Electives (6 hours):

- Professional Education Courses (30 hours): Edsp 308, Edci 352, Edsp 327, Edci 353*, Edse 400*, Edse 445*, Edle 480*, and Edci 419*

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