

## Concentration - Math

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## **B.A.Ed. in Elementary Education** **Description**

The B.A.E. with a major in elementary education prepares graduates to be eligible for certification in Mississippi to teach in grades K-6. Graduates may also teach grades 7-12 with supplemental endorsements in subject areas. (See an adviser for more information.)

### **Minimum Total Credit Hours: 124**

### **Goals/Mission Statement**

Each program is built around eight themes that embody the idea that teachers are facilitators. The following themes are T thinking and problem solving E equality and respect for diversity A appropriate teaching strategies C communication and cooperation H human development curriculum E esteem, autonomy, and lifelong learning R relevance: social and global S supervision, management, and guidance

### **General Education Requirements**

The core/general education requirements for the B.A.E. degree are as follows: 6 hours of English composition (Engl 101, Engl 102 or Liba 102); 6 hours of American or English literature; Math 121 or higher; a 3-4 hour biological science course with laboratory; a 3-4 hour physics, astronomy, or physical science II course with laboratory; a 3-4 hour course in geology, chemistry, or physical science I; one additional 3- hour course in mathematics or science; a 3-hour course in fine arts (appreciation or history of); one additional 3-hour course in fine arts; 6 hours of history; 3 hours of humanities (from among classics, modern languages, philosophy, religion, literature, history, Southern studies, gender studies, linguistics, or African-American studies); Psy 201.

### **Course Requirements**

Requirements for the B.A.E. with a major in elementary education include Math 245, 246 (6 hours); Engl 250 (3 hours); Ared 361 (3 hours); Mus 329 (3 hours); Geog 101 (3 hours); HP 191 (3 hours); Spch 102 (3 hours); Edrd 355 (6 hours); Edsp 308 (3 hours); professional education common core courses Edci 351, 352, 353, Edrd 400 (11 hours); professional education elementary education courses Edel 401, 402, 403, 404, Edrd 414, Edle 417, 464, and Edci 419 (30 hours, including 12 hours of Edle 464); elective and/or areas of concentration hours to reach the 124- hours requirement. Elementary education majors should select two areas of concentration from among computers (21 hours), English (18 hours), fine arts (18 hours), modern or ancient languages (18 hours in one language), mathematics (18 hours), science (18 hours), social studies (18 hours), and special education (21 hours).

Note: A minimum grade of C is required in all professional education 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.

### **Other Academic Requirements**

Admission to Phase II: Professional Education Core

Students who wish to enter a teacher education degree program must submit a formal application for admission to Phase II to the Office of the Dean of the School of Education. Requirements for admission to teacher education are as follows:

1. Completion of 45 semester hours. Students are responsible for submitting grades to the Office of the Dean for courses taken at other institutions.
2. A grade-point average of 2.50 or above on the 45 semester hours described above. Applicants who apply for admission to Phase II in the fall of 2008 and thereafter must have a 2.75 grade-point average. Those who meet the test requirement (see below) and have at least a 2.50 but less than the 2.75 on the core may appeal to the Admissions Committee by submitting a portfolio that should include an essay and examples of successful experiences working with children. An on-site writing test is required in the appeal process.
3. Appropriate scores on the Praxis I: Pre-Professional Skills Tests (PPST) or SAT or ACT scores (see below):

- PPST scores required: Reading-170; Writing-172; Math-169. - Students who provide proof of an SAT composite score of at least 860 or an ACT score of at least 21 with no subtest score below 18 may be admitted to the teacher education program without PPST scores. ACT or SAT scores must be from tests taken prior to admission to a college or university.

4. A formal application for admission to Phase II must be filed in the Office of the Dean by the deadline date announced.
5. Approval by the Teacher Education Committee. Criteria for acceptance include requirements 1-4.

Admission to Phase III: Student Teaching

Applications are available on the advising link of the School of Education's Web site [http://www.olemiss.edu/depts/educ\\_school2](http://www.olemiss.edu/depts/educ_school2). Fall student teaching (music only) applications are due the spring semester prior to fall student teaching.

To be admitted to student teaching, a student must meet the following requirements:

1. Admission to Phase II: Professional Education Core.
2. A minimum grade of C in professional education 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.
3. Completion of all but two courses in the teaching field (not including electives) with a minimum grade of C. Candidates missing more than the maximum of two courses with the minimum grade of C can submit a letter of appeal to the director of field experiences. A committee will convene to consider the appeal.
4. Completion of 15 hours in residency at The University of Mississippi (includes Tupelo and DeSoto campus centers).
5. Completion of courses taken by correspondence for admission to student teaching.
6. Evidence of professional liability insurance.



## Concentration - Math 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.

### B.A.Ed. in Elementary Education

#### General Education

REQUIREMENT	HOURS	DESCRIPTION
First Year Writing I	3	Complete <a href="#">Hon 101</a> , <a href="#">Writ 100</a> or <a href="#">Writ 101</a> with a passing grade.
First Year Writing II	3	Complete one of the following courses with a passing grade: <a href="#">Liba 102</a> , <a href="#">Writ 102</a> or <a href="#">Hon 102</a> .
6 hrs history	6	Complete 6 hours of History coursework with a passing grade.
3 hrs math 121+	3	Complete a mathematics course ( <a href="#">Math 121</a> or higher) with a passing grade. Does not include <a href="#">Math 245</a> or <a href="#">Math 246</a> .
Physical science	3	Successfully complete 3-4 hour course with laboratory in physics, astronomy, or physical science II.
Physical sci lab	1	Complete a physical science lab to accompany physical science course.
Biological science	3	Successfully complete a biological science course with an accompanying lab.
Biological sci lab	1	Complete a biological science lab to accompany biological science course.
3-4 hrs science	3	Complete a 3-4 hours course in geology, chemistry, or physical science I.
6 hrs literature 200+	6	Complete 6 credit hours of literature at the 200 level or higher.
3 hrs fine arts, apprec or hist	3	Successfully complete 3 hours in the fine or performing arts. The course may be chosen from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement.

#### General Education II

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Geog 101</a>	3	Complete <a href="#">Geog 101</a> with a passing grade.

#### Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Edrd 355</a> - C min	6	Complete <a href="#">Edrd 355</a> with a grade of C or better.
<a href="#">Edsp 308</a> - C min	3	Complete <a href="#">Edsp 308</a> with a grade of C or better.
<a href="#">Edci 351</a> - C min	2	Complete <a href="#">Edci 351</a> with a grade of C or better.
<a href="#">Edci 352</a> - C min	2	Complete <a href="#">Edci 352</a> with a grade of C or better.
<a href="#">Edci 353</a> - C min	3	Complete <a href="#">Edci 353</a> with a grade of C or better.
<a href="#">Edrd 400</a> - C min	3	Complete <a href="#">Edrd 400</a> with a grade of C or better.
<a href="#">Edel 401</a> - C min	3	Complete <a href="#">Edel 401</a> with a grade of C or better.
<a href="#">Edel 402</a> - C min	3	Complete <a href="#">Edel 402</a> with a grade of C or better.
<a href="#">Edel 403</a> - C min	3	Complete <a href="#">Edel 403</a> with a grade of C or better.
<a href="#">Edel 404</a> - C min	3	Complete <a href="#">Edel 404</a> with a grade of C or better.
<a href="#">Edrd 414</a> - C min	3	Complete <a href="#">Edrd 414</a> with a grade of C or better.
<a href="#">Edle 417</a> - C min	3	Complete <a href="#">Edle 417</a> with a passing grade (Z grade).
<a href="#">Edci 419</a> - C min	3	Complete <a href="#">Edci 419</a> with a grade of C or better.
<a href="#">Edle 464</a> - C min	9	Complete <a href="#">Edle 464</a> with a grade of C or better.

#### Major Requirements II

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Spch 102</a>	3	Complete <a href="#">Spch 102</a> with a passing grade.
Enroll in 2 concentration areas		Enroll in at least two of the following areas of concentration: computers, fine arts, English, modern or ancient languages, mathematics, science, social studies, or special education.



REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Ared 361</a> - C min	3	Complete <a href="#">Ared 361</a> with a passing grade.
<a href="#">Engl 250</a> - C min	3	Complete <a href="#">Engl 250</a> with a passing grade.
<a href="#">HP 191</a>	3	Complete <a href="#">HP 191</a> with a passing grade.
<a href="#">Math 245</a> - C min	3	Complete <a href="#">Math 245</a> with a passing grade.
<a href="#">Math 246</a> - C min	3	Complete <a href="#">Math 246</a> with a passing grade.
<a href="#">Mus 329</a> - C min	3	Complete <a href="#">Mus 329</a> with a passing grade.

### Concentration - Math

REQUIREMENT	HOURS	DESCRIPTION
18 hrs mathematics	18	Complete 18 hours of mathematics (MATH) course work.

