

## Concentration - Science

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

The B.A.E. with a major in elementary education with a special education endorsement option prepares graduates to be eligible for certification in Mississippi to teach in grades K-6 and provides an endorsement to teach special education (mild/moderate disabilities). Graduates may also teach grades 7-12 with supplemental endorsements in subject areas. (See an advisor for more information.)

### **Minimum Total Credit Hours: 124** **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; 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; 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); Psy 201 (special education and secondary education majors only); one additional 3-hour course in fine arts (special education majors only); 3 hours of humanities (from among classics, modern languages, philosophy, religion, literature, history, Southern studies, gender studies, linguistics, or African American studies) (secondary education and special education majors only); a 3-hour course in geography (elementary education majors only); a 3-hour course in sociology or political science (elementary education majors only).

Note: The core requirements are subject to change due to mandates from the Institutions of Higher Learning (IHL) and the Mississippi Department of Education. Therefore, it is important for all students to meet with School of Education advisers in the Student Advising and Field Experience Office for the most recent information on the core.

### **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); Edrd 355 (6 hours); Edsp 308, 327, 407, and 410 (12 hours); professional education common core courses Edci 352, 353, Edrd 400 (7 hours); professional education elementary education courses Edel 401, 402, 403, 404, Edrd 414, Edle 417, 464, and Edci 419 (30 hours, including 9 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 among English (18 hours), fine arts (18 hours), modern or ancient languages (18 hours in one language), mathematics (18 hours), science (18 hours), and social studies (18 hrs).

Note: A minimum grade of C is required 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.

### **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
  - Exemption: 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.

Admission to Phase III: Student Teaching—Applications are available through the Student Advising and Field Experience Office and are due the semester prior to student teaching.

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

1. Admission to the Teacher Education Program.
2. A minimum grade of "C" in all professional education courses, content courses and related courses with the exception of those required during student teaching. 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. During the student teaching semester, students must register for student teaching and EDCI 419 Effective Classroom Management and Assessment Practices. In addition, one 3-hour elective may be taken.
4. Completion of 15 hours in residency at The University of Mississippi (includes Tupelo, Booneville, Grenada, and DeSoto campuses).
5. Correspondence courses in education are not accepted.
6. Evidence of professional liability insurance.

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## 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.
3 hrs Soc or Pol	3	Complete 3 hours of Sociology or Political Science coursework 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="#">Edsp 407</a> - C min	3	Complete <a href="#">Edsp 407</a> with a grade of C or better.
<a href="#">Edsp 410</a> - C min	3	Complete <a href="#">Edsp 410</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="#">Edsp 327</a> - C min	3	Complete <a href="#">Edsp 327</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="#">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="#">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.



REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Mus 329</a> - C min	3	Complete <a href="#">Mus 329</a> with a passing grade.

### Major Requirements II

REQUIREMENT	HOURS	DESCRIPTION
<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.
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.

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REQUIREMENT	HOURS	DESCRIPTION
18 hrs science	18	Complete 18 credit hours of science course work.

