B.A.ED. IN MATHEMATICS EDUCATION (BAED)

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

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.

General Education

Code	Title	Hours
Select one of the following First Year Writing I courses:		3
HONR 1010	Freshman Honors I	
WRIT 1000	Introduction to College Writing	
WRIT 1010	First-Year Writing I	
Select one of the following First Year Writing II courses:		3
LIBA 1020	First Year Seminar	
WRIT 1020	First-Year Writing II	
HONR 1020	Freshman Honors II	
Select six hours of history courses		6
Select three hours of MATH 1210+ [1]		3
Select three-four hour course with laboratory in physics, astronomy, or physical science II		3
Select a physical science lab to accompany physical science course		1
Select a biological science course with an accompanying lab		3
Select a biological science lab to accompany biological science course		1
Select a three-four hours course in geology, chemistry, or physical science I		3-4
Select six hours of literature 2000+		6
Select three hours in the fine or performing arts		3
The course may be chosen from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement.		
Total Hours		**35-36**

[1] Does not include MATH 2451 Mathematics for Elementary Teachers I or MATH 2452 Mathematics for Elementary Teachers II.

General Education II

Code	Title	Hours
PSYC 2001	Introduction to Psychology	3
Select an additional three-hour course in mathematics or science		3
Select three semester hours in courses chosen from the following areas: classics, modern languages, philosophy, religion, literature, history, southern studies, gender studies, linguistics, or African American studies		3
Total Hours		**9**

Major Requirements

Code	Title	Hours
EDSP 3080	Introduction to Special Education	3
EDCI 3520	Education, Society, & the K-12 Learner	2-3
EDSP 3270	Classroom Mgt & Behavioral Interventions	3
EDCI 3530	Planning & Teaching Strategies for Effec	3
EDSE 4000	Principles of Education	3
EDSE 4450	Special Methods I: Mathematics	3
EDLE 4800	Student Teaching: Secondary Education	9
EDCI 4190	Classroom Assessment	3
Total Hours		**29-30**

Major Requirements II

Code	Title	Hours
CSCI 1011	Computer Science I	3
EDCI 5070	Computer Concepts and App. for Educators	3
MATH 2611	Unified Calculus & Analytic Geometry I	3
MATH 2612	Unified Calculus & Analytic Geometry II	3
MATH 2613	Unified Calculus & Analytic Geometry III	3
MATH 2614	Unified Calculus & Analytic Geometry IV	3
MATH 3010	Discrete Mathematics	3
MATH 3050	Foundations of Mathematics	3
MATH 3190	Introduction to Linear Algebra	3
Select one of the following:		3
MATH 3530	Elementary Differential Equations	
MATH 4540	Intermediate Differential Equations	
MATH 4590	Introduction to Complex Analysis	
MATH 5251	Introduction to Abstract Algebra I	
MATH 3750	Introduction to Statistics I	3
MATH 3900	Techniques in Teaching Sec. Level Math	3
MATH 5330	Topics in Euclidean Geometry	3
MATH 5400	History of Mathematics	3
Total Hours		**42**

Other Academic Requirements

Admission to Phase II: Professional Education Core

Requirements for admission to teacher education are as follows:

1. Completion of core curriculum.
2. Applicants who apply for admission to Phase II must have a 2.75 grade-point average.
3. Passing scores on Praxis Core Academic Skills for Educators (CORE)[1]

4. Courses EDCI 3520 Education, Society, & the K-12 Learner and EDSP 3080 Introduction to Special Education are the only professional education courses that may be taken prior to admission to Phase II.

[1] Exemption: Students who provide proof of an ACT score of at least a 21 overall composite (or SAT equivalent) OR have a cumulative GPA of 3.0 or higher on a minimum of 60 completed coursework hours are exempt from taking the Praxis CORE.

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 4190 Classroom Assessment. 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.