



STATE OF ALABAMA DEPARTMENT OF EDUCATION  
TEACHER EDUCATION AND CERTIFICATION

ALSBE  
Approved EPP Initials: CEH Approved: \_\_\_\_\_  
Expired: \_\_\_\_\_  
Revised: \_\_\_\_\_

(Required certification sequence for UABTeach Program for Mathematics Majors in Mathematical Reasoning Track)  
Program:

**MATHEMATICS (4-8)**

Total Hours: \*

\*This certification requires a minimum of 120-hours for degree including 21 hours of UAB Teach courses.

**CLASS B EDUCATION PROGRAM CHECKLIST**

Institution: UNIVERSITY OF ALABAMA AT BIRMINGHAM

Date Approved: 06/09/2022  
Date Expires: 06/30/2028  
Revisions: \_\_\_\_\_

**General Studies**

Shall include courses and/or experiences in the humanities, social studies, mathematics, and science.

**Humanities:**

EH 101 English Composition I	3
EH 102 English Composition II	3
Literature (See AGSC List)	3-6
Humanities/Fine Arts (See AGSC List)	3-6
Fine Arts (See AGSC List)	3

**Social Science:**

History	3-6
Non-History Social Science	3-9

**Science:**

Natural Sciences (lab required with each course) (See Core Curriculum List)	8
--	---

**Mathematics:**

MA 125 Calculus I or above	4
----------------------------	---

**Other:**

PHL 270 Science, Knowledge, and Reality	
OR	
HY 275 Perspectives on Science and Mathematics	3

**To be eligible for Class B certification in mathematics, candidates will need to complete all courses on this checklist, meet Teacher Education Program requirements for Mathematics, AND complete ALL degree requirements for Mathematics-Mathematical reasoning track.**

**Prospective and admitted students should NOT begin any coursework without seeking advisement from the UABTeach Advisor/Academic Coach each term. Students who ignore this admonition assume responsibility for their own mistakes.**

**Professional Studies**

These courses must be taken prior to admission to TEP.

EHS 125 Step 1: Inquiry Approaches to Teaching	1
EHS 126 Step 2: Inquiry Approaches to Teaching	1
EHS 325 Knowing and Learning in Science and Mathematics	3
EHS 326 Classroom Interactions	3

These courses require admission to TEP before they can be taken.

EHS 327 Problem-Based Instruction	3
-----------------------------------	---

**Internship:**

Students must take EHS 425 and EHS 426 in the same term.

EHS 425 Apprentice Teaching	6
EHS 426 Apprentice Teaching Seminar	1

**Teaching Field**

Must include at least 30 semester hours in the teaching field with a minimum of 18 hours at the upper division level. (List all courses required for the teaching field.)

See attached requirements on page 2.

Dean of Education: Michelle Robinson

Date: 10/13/2022



STATE OF ALABAMA DEPARTMENT OF EDUCATION  
TEACHER EDUCATION AND CERTIFICATION

(Required certification sequence for UABTeach Program for Mathematics Majors in Mathematical Reasoning Track)

## Class B Mathematics (4-8) Program Checklist: 30 /18 Teaching Field Analysis

### Lower Division

MA 125 Calculus I or MA 225 Calculus I Honors

4

At least two courses selected from the following:

MA 106 Pre-Calculus Trig or MA 107 Pre-Calculus Algebra and Trig

MA 110 Finite Mathematics or \*MA 418 Stats for Teachers

MA 126 Calculus II or MA 226 Calculus II Honors

6-8

**10-12 Hours**

### Upper Division

MA 313 Patterns, Functions, and Algebraic Reasoning

3

MA 314 Geometric and Proportional Reasoning or \* MA 472 Geometry I

3

At least 16 hours of additional courses at the 300 and 400 level satisfying

the requirements of the Mathematical Reasoning Track in the

Mathematics Major. Courses selected must have the MA course prefix.

16

\*MA 418 and MA 472 may be taken as part of the 13 hours if not taken above\*

**22 Hours**