



Program Education B.S. – Mathematics (6-12)
Total Hours 123-126

CLASS B EDUCATION PROGRAM CHECKLIST

Institution: The University of Alabama in Huntsville

Date Approved: 6/11/2020
Date Expires: 6/30/2023
Revisions: _____

General Studies

Shall include courses and /or experiences in the humanities (including English language arts), social studies, mathematics, and science.

Humanities: (Shall include at least 12 hours of English Language Arts for Early Childhood, Elementary, and Special Education programs.)

EH 101 and 102, or EH 103, or EH 105	3-6
Fine Arts	3
Humanities (literature)*	3-6
Humanities (non-literature)	3
CM 113 (Public Speaking)	3

Social Studies: (Shall include at least 12 hours for Early Childhood, Elementary, and Special Education programs.)

HY Courses*	3-6
Social & Behavioral Science (non-history)	3
PY 101	3
PY 201	3

* Must take either EH literature sequence OR HY sequence

Science: (Shall include at least 12 hours for Early Childhood, Elementary, and Special Education programs.)

Lab Sciences	8
Recommended:	
PH 111/114	
PH 112/115	

Mathematics: (Shall include at least 12 hours for Early Childhood, Elementary, and Special Education programs.)

MA 171	4

Other:

CS 102	3

Professional Studies

ED 301: Introduction to Education	0
ED 307: Multicultural Foundations of Education	3
ED 308: Educational Psychology	3
ED 350: Technology in the Classroom	3
ED 309: Classroom Management	3
EDC 311: Instructional Strategies	3
ED 408: Content Area Reading	3
ED 410: Foundations Of Educational Evaluation	3
ED 422: Middle and Sec. Sch Math Methods	2
ED 432: Tchng Reason and Proof in Sec Math	2
EDC 301: Exceptional Children	3

Internship: ED 497: Middle and High School Internship 12

Teaching Field*

Most teaching fields require an academic major as defined in Rule 290-3-3-.01(2). List all courses required for the teaching field.

MA 172: Calculus B	4
MA 201: Calculus C	4
MA 238: Introduction to Diff. Equations	3
MA 244: Introduction to Linear Algebra	3
MA 330: Foundations of Mathematics	3
MA 385: Introduction to Probability	3
MA 433: Introduction to Geometry	3
MA 442: Algebraic Structures with Appl.	3
MA 452: Introduction to Real Analysis	3
ST/MA 487: Introduction to Math Statistics	3
MA 300+ Elective	3
MA 300+ Elective	3
(See page 2 for MA elective options)	

*English Language Arts shall include courses in literature, grammar, reading skills, writing, speech, drama/theatre, and print or broadcast journalism. General Social Studies shall include courses in economics, geography, history, and political science. General Science shall include courses in biology, chemistry, Earth and space sciences, and physics.

Dean of Education: Beth N. Quick

Date 6/8/2020