

## STATE OF ALABAMA DEPARTMENT OF EDUCATION TEACHER EDUCATION AND CERTIFICATION



(Required certification sequence for UABTeach Program for Civil Engineering Majors)

Program:	<b>MATHEMATICS</b> (	(6-12)
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Total Hours:

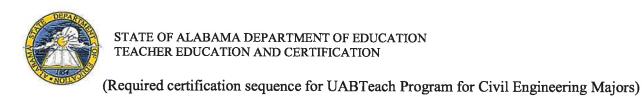
\*This certification requires a minimum of 120-hours for degree including 21 hours of UAB Teach courses.

## **CLASS B EDUCATION PROGRAM CHECKLIST**

Institution: UNIVERSITY OF ALABAMA AT BIRMINGHAM

Date Approved:
Date Expires:
Revisions:

Shall include courses and/or experiences in the humanities, social studies, mathematics, and science.  Humanities:  ### Holl English Composition I		
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These courses must be taken prior to admission to TEP.  EH 101 English Composition I 3  Literature (See AGSC List) 3-6  Humanities/Fine Arts (See AGSC List) 3-6  Fine Arts (See AGSC List) 3-6  Fine Arts (See AGSC List) 3-6  Hindities/Fine Arts (See AGSC List) 3-6  Humanities/Fine Arts (See AGSC List) 3-6  Humanities/Fine Arts (See AGSC List) 3-6  Fine Arts (See AGSC List) 3-6  Humanities/Fine Arts (See AGSC List) 3-6  Humanities/Fine Arts (See AGSC List) 3-6  Fine Arts (See AGSC List) 3-6  Social Science:  History 3-6  Non-History Social Science 3-9  Science:  CH 115/116 Chemistry I with Lab 4  CH 117/118 Chemistry II with Lab 4  PH 221 General Physics I and Lab 4  PH 222 General Physics II and Lab 4  PH 221 General Physics II and Lab 4  PH 222 General Physics II and Lab 4  PH 222 General Physics II and Lab 4  PH 221 General Physics II and Lab 4  PH 222 General Physics II and Lab 4  PH 221 General Physics II and Lab 4  PH 222 General Physics II and Lab 4  PH 221 General Physics II and Lab 4  PH 222 General Physics II and Lab 4  PH 221 General Physics II and Lab 4  PH 222 General Physics II and Lab 4  PH 221 General Physics II and Lab 4  PH 222 General Physics II and Lab 4  PH 221 General Physics II and Lab 4  PH 222 General Physics II and Lab 4  PH 221 General Physics II and Lab 4  PH 222 General Physics II and Lab 4  PH		Professional Studies
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## Class B Mathematics (6-12) Program Checklist: 30/18 Teaching Field Analysis

Lower Division Courses	
EGR 100 Intro to Engineering	2
EGR 150 Computer Methods in Engineering	3
EGR 265 Math Tools for Engineers OR  MA 126 Calculus II and MA 252 Differential Equations	4-7
CE 210 Statics	3
CE 220/221 Mechanics of Solids and Lab	3
	15-18 hours
Upper Division Courses	
EH 300 Engineering Communications	3
MA 361 Functions and Modeling	3
CE 332/L Soils Engineering and Lab	4
CE 360 Structural Analysis	3
CE 395 Engineering Economics	3
CE 337 Hydraulics OR	
CE 344 Civil Engineering Analysis I <u>OR</u> CE 345 Transportation Engineering	3
	19 hours