



(Required Certification Sequence for UABTeach Program for Physics Majors)

Program: **PHYSICS or
GENERAL SCIENCE**

11/4/19

Total Hours: *

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

CLASS B EDUCATION PROGRAM CHECKLIST

Institution: UNIVERSITY OF ALABAMA AT BIRMINGHAM

Date Approved: 7/8/2014

Date Expires: 5/31/2021

Revisions:

6/22/2017 6/17/2018 2/13/2020

General Studies

*Refer to the UAB Catalog for Core Curriculum requirements

EH 101 English Composition I 3
EH 102 English Composition II 3

Humanities: (12 Hours)

Literature 3-6
Humanities 3-6
Fine Arts 3

Mathematics: (4 Hours)

MA 125 Calculus I 4

Science: (8 Hours)

PH 221 General Physics I & Lab 4
PH 222 General Physics II & Lab 4

Social Science: (12 Hours)

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

Other: (3 Hours)

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

SPECIAL NOTES:

To be eligible for Class B certification in Physics, candidates will need to complete all courses on this checklist, met Teacher Education Program requirements for certification, AND complete all degree requirements for Physics.

General Science certification requires candidates to complete courses in biology, chemistry, Earth and space sciences, and physics.

Prospective and admitted students should NOT begin any coursework without seeking advisement from the UABTeach Academic Coach each term (drparker@uab.edu). 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 an academic major of at least 32 semester hours with a minimum of 19 hours in the upper division. (List all courses required for the teaching field.)

See Attached Requirements

Dean of Education: [Signature]

Date: 11/14/19



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Class B Physics Program Checklist Teaching Field Courses

Lower Division

PH 221 General Physics I	4
PH 222 General Physics II	4
	<u>8 Hours</u>

Upper Division

PH 351 Modern Physics I OR	
PH 352 Modern Physics II	4
Physics Research Methods OR Physics Capstone	3
At least eighteen (18) hours of approved Physics Electives at the 300 or 400 level	18
	<u>25 Hours</u>