

STATE OF ALABAMA DEPARTMENT OF EDUCATION TEACHER EDUCATION AND CERTIFICATION



(Required certification sequence for UABTeach Program for Biophysics Majors)

Program:

PHYSICS OR

GENERAL SCIENCE (6-12)

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:

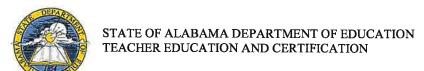
UNIVERSITY OF ALABAMA AT BIRMINGHAM

Date Approved: Date Expires:

06/30/202

Revisions:

General Studies Shall include courses and/or experiences in the humanities, social studies, mathematics, and science. Humanities: EH 101 English Composition I
These courses must be taken prior to admission to TEP. Humanities: EH 101 English Composition I EH 102 English Composition II Literature (See AGSC List) Humanities/Fine Arts (See AGSC List) Fine Arts (See AGSC List) These courses must be taken prior to admission to TEP. EHS 125 Step 1: 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
Humanities: EH 101 English Composition I EH 102 English Composition II Literature (See AGSC List) Fine Arts (See AGSC List) 3-6 Humanities/Fine Arts (See AGSC List) These courses require admission to TEP before they can be taken
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) 3-6 These courses require admission to TEP before they can be taken
EH 101 English Composition I EH 102 English Composition II 3 EHS 325 Knowing and Learning in Science and Mathematics 3 EHS 326 Classroom Interactions 3 EHS 326 Classroom Interactions 3 EHS 326 Classroom Interactions to TEP before they can be taken
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 These courses require admission to TEP before they can be taken
Literature (See AGSC List) Literature (See AGSC List) Humanities/Fine Arts (See AGSC List) Fine Arts (See AGSC List) These courses require admission to TEP before they can be taken
Humanities/Fine Arts (See AGSC List) 3-6 Fine Arts (See AGSC List) These courses require admission to TEP before they can be taken
Fine Arts (See AGSC List) These courses require admission to TEP before they can be taken
EID 32/1 Houself-Dased Historician 3
Social Science: Internship:
HISTORY 3-6 Students DIVIS 405 and DIVIS 406
Non-History Social Science 3-9 EHS 425 and EHS 426 in the same term EHS 425 Apprentice Teaching 6
Science: EHS 426 Apprentice Teaching Seminar 1
PH 221 General Physics I 4
PH 222 General Physics II 4 Teaching Field
North include at least 20 and at 1 and 1 at 1 a
Must include at least 30 semester hours in the teaching field with a
MA 125 Calculus I minimum of 18 hours at the upper division level. (List all courses required for the teaching field.)
Other: PHL 270 OR HY 275 See attached requirements on page 2.
PHL 270 OR HY 275 See attached requirements on page 2.
To be eligible for Class B certification in physics or general Science candidates will need to complete all courses on this Dean of Education: Michella Robinson
science, candidates will need to complete an courses on this
checklist*, meet Teacher Education Program requirements Date: 10/13/2022
for physics or general science, AND complete ALL degree Date: 10/10/2022
requirements for Biophysics.
*For candidates pursuing general science certification,
completion of courses in biology, chemistry, Earth and
space sciences, and physics is required.
pase serences, and physics to required.
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.



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Class B Physics (6-12) Program Checklist: 30 / 18 Teaching Field Analysis

H 221 General Physics I 4 PH 222 General Physics II 4 PH 222 General Physics II 4 SHours Upper Division PH 351 Modern Physics I OR PH 352 Modern Physics II Physics Research Methods OR Physics Capstone 3 At least eighteen (18) hours of approved Physics Electives at the 300 or 400 level 18

FOR GENERAL SCIENCE CERTIFICATION (If not included on major checklist)

One Course and Lab Sequence from the Following:

BY 123 Introductory Biology I and Lab BY 124 Introductory Biology II and Lab

One Course and Lab Sequence from the Following:

CH 115/116 General Chemistry I and Lab CH 117/118 General Chemistry II and Lab

One Course and Lab Sequence from the Following:

PH 202 College Physics and Lab PH 221 General Physics I and Lab PH 222 General Physics II and Lab

One Course and Lab Sequence from the Following:

AST 101/111 Astronomy of the Universe and Lab AST 102/112 Astronomy of Stellar Systems and Lab ES 101/102 Physical Geology and Lab ES 103/104 History of the Earth and Lab