Program: SecEd: Physics & Mathematics (6-12) (17)
Total Hours: 43

ALTERNATIVE CLASS A PROGRAM CHECKLIST
DUAL MATH-PHYSICS

THE UNIVERSITY OF ALABAMA
COLLEGE OF EDUCATION

This advising sheet applies to candidates who are pursuing dual certification in mathematics and physics through the University of Alabama Scholars Program, and who began this program for completion at UA June 1, 2017. Candidates must also complete the undergraduate requirements of the Math-Physics majors/minors as documented in the undergraduate program of study. Candidates must meet ALL requirements in the undergraduate program to qualify for admission to this program. Candidates must present a GPA of at least 3.25 on all courses in the program below, with no grade below a “C.” Credits over 6 years old may not be used for degree purposes.

Curriculum and Teaching: 12 sem hrs req
CSE 583 Teaching Secondary School Mathematics ...........3
CSE 586 Teaching Secondary School Science ..................3
CSE 592 Fieldwork in Secondary Education ..................3
CSE 595 Practicum: Improving STEM Instruction ..........3

Professional Studies: 3 sem hrs req
*BEF 510 Social & Philosophical Foundations of Educ ........3
*SDE approved diversity course

Special Education Course work: 3 sem hrs req
*Completed as SPE 300 Survey Special Accommodations
and Strategies

Technology: Included in CSE 592

Evaluation of Teaching & Learning: 3 sem hrs req
BER 550 Evaluation of Classroom Learning ..................3

Reading: 3 sem hrs req
CRD 512 Improve of Reading in Secondary Schools ........3

Full-time Internship: 7 sem hrs req
CSE 597 Internship in Secondary Schools ...................6
EDU 500 Intern Seminar ...........................................1
Candidates MUST complete a 50-50 split internship with
Physics and Math teachers in the same school.

Notes: a) Completion of EDU 200 plus general studies
courses including humanities, social science, science, and
mathematics. All deficiencies must be completed prior to
unconditional admission to TEP including a content major or
32/18; b) a passing score on a comprehensive written exam
covering the content of the curriculum is required; c) field
experiences in a wide variety of school settings prior to the
internship are required.

Teaching Field: 15 sem hrs req (At least 1/3 of the total hrs
in this program must be in graduate-level teaching field
courses. Appropriate “prior” courses—as many hours as in
the state approved class B program in this teaching field—are
required.)

Advisor approved courses (16 sem. hrs) in the teaching field

MATH 503 Advanced Algebraic Connections & Develop. ..3
MATH 505 Geometry for Teachers ..................................3
PH 505 Physics for Science Teachers .............................3
PH 534 Digital Electronics OR
PH 582 Selected topics in Physics & Astronomy OR
PH 591 Advanced Lab for Science Teachers .................3
MATH/PH Elective ..................................................3

Additional Requirements/Electives:

[Signature]
Dean, College of Education

Date: 6-15-2018