



ALABAMA STATE DEPARTMENT OF EDUCATION
EDUCATOR PREPARATION

2021 Code

ALSBE
Approved EPP: _____
Initials: AKH Approved: _____
Expired: _____
Revised: _____

Program: Secondary Physics (6-12)

Total Hours: 133-142

CLASS B EDUCATION PROGRAM CHECKLIST

Institution: The University of Alabama in Huntsville

Date Approved: 05/09/2024

Date Expires: 05/31/2027

Revisions:

General Studies 58-67 hours

Humanities: 15-21 hours (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: 12-15 hours (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: General Psychology | 3 |
| PY 201: Life-Span Development | 3 |
| (Must take either EH literature sequence or HY sequence) | |

Science: 8 hours (Shall include at least 12 hours for Early Childhood, Elementary, and Special Education programs.)

| | |
|--------------------------------------|---|
| CH 121/125: General Chemistry I/Lab | 4 |
| CH 123/126: General Chemistry II/Lab | 4 |

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

| | |
|----------------------|---|
| MA 171: Calculus I | 4 |
| MA 172: Calculus II | 4 |
| MA 201: Calculus III | 4 |

Other: 11 hours

| | |
|---------------------------------------------------------------------|---|
| BYS 119/121: Principles of Biology/Lab | 4 |
| MA 238 OR MA 244: Applied Diff Equations or Intro to Linear Algebra | 3 |
| AES 103/L: Environmental Earth Science/Lab | 4 |

Professional Studies 40 hours

| | |
|------------------------------------------------------------------|---|
| (FE) ED 301: Introduction to Education Practicum | 0 |
| *EDC 301: Teaching the Exceptional Child | 3 |
| ED 307: Multi. Foundations of Education | 3 |
| (FE) ED 308: Educational Psychology (FE) | 3 |
| ED 350: Technology in the Classroom | 3 |
| (FE) ED 309: Classroom and Behavior Management | 3 |
| (FE) EDC 311: INSTRUCTIONAL STRATEGIES IN INCLUSIVE CLASSROOMS | 3 |
| (FE) ED 408: TEACHING READING IN THE CONTENT AREAS | 3 |
| (FE) ED 410: FOUNDATIONS OF EDUCATION EVALUATION | 3 |
| (FE) ED 423: TEACHING SCIENCE IN MIDDLE AND SECONDARY SCHOOLS I | 2 |
| (FE) ED 433: TEACHING SCIENCE IN MIDDLE AND SECONDARY SCHOOLS II | 2 |

*Denotes approved survey course.

**The listing of EVERY course except the internship that requires a field experience should be preceded by (FE).

Internship: 12 hours

| | |
|-------------------------------------------|----|
| ED 497: Middle and High School Internship | 12 |
|-------------------------------------------|----|

Teaching Field* 35 hours

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

Teaching Field Specific Methods

Course(s):

| | |
|----------------------------------------------------|---|
| PH 110: Frontiers in Science | 3 |
| PH 111/114: Gen. Physics I w/ Cal Lab | 4 |
| PH 112/115: Gen. Physics II w/ Cal Lab | 4 |
| PH 113/116: Gen Physics III w/ Cal Lab | 4 |
| PH 251: Special Relativity | 1 |
| PH 301: Intermediate Mechanics | 3 |
| PH 305: Math Methods in Physics | 3 |
| PH 351: Introduction to Modern Physics | 3 |
| PH 499: Physics Practicum | 3 |
| PH Electives (300+ Level) Select from PH, OPT, AST | 7 |

***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.

****The teaching field for programs in Early Childhood Education, Elementary Education, Collaborative Special Education (K-6) and Collaborative Special Education (6-12) shall require no less than nine semester hours of reading or literacy coursework, or both, based on the science of learning to read, including multisensory strategies in foundational reading skills.

Beth N Quick

Dean of Education: Beth N Quick 2024.11.07 14:46:59
Date: -06'00'