



ALABAMA STATE DEPARTMENT OF EDUCATION  
EDUCATOR PREPARATION

2021 Code

ALSBE  
Approved EPP: \_\_\_\_\_  
Initials: ASB Approved: \_\_\_\_\_  
Expired: \_\_\_\_\_  
Revised: \_\_\_\_\_

Program: Secondary General Science (6-12)

Total Hours: 133-143

CLASS B EDUCATION PROGRAM CHECKLIST

Institution: The University of Alabama in Huntsville

Date Approved: 05/09/2024

Date Expires: 05/31/2031

Revisions:

General Studies 46-56 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

**Science: 16 hours** (Shall include at least 12 hours for Early Childhood, Elementary, and Special Education programs.)

BYS 119/121: Principles of Biology/Lab	4
BYS 120/122: Organismal Biology/Lab	4
CH 121/125: General Chemistry I/Lab	4
CH 123/126: General Chemistry II/Lab	4

**Mathematics: 3-4 hours** (Shall include at least 12 hours for Early Childhood, Elementary, and Special Education programs.)

MA 171: Calculus I - or higher	3-4

Other: 0 hours

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:** ED 497: Middle and High School Internship 12

Teaching Field\* 47 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):

BYS 219: Genetics and Evolution	4
BYS 300: Cell and Dev. Biology	4
BYS 312: Principles of Evology	4
BYS 321: Microbiology	4
CH 223/224: Quantitative Analysis	4
CH 301: Elementary Biochemistry	3
CH 401: Inorganic Chemistry	4
CH 331: Organic Chemistry I	4
CH 332/336: Organic Chemistry II	4
PH 101: General Physics I	4
PH 102: General Physics II	4
AES 103/L: Environmental Earth Science/Lab	4

\*\*\*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 14:46:18  
Date -06'00'