

6-11-2020

Education B.S.- Secondary Biology (6-12)

University of Alabama in Huntsville

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ALABAMA STATE DEPARTMENT OF EDUCATION
EDUCATOR PREPARATION

SBE
APPROVED
TEP

Program Education B S – Secondary Biology (6-12)
Total Hours 132-136

CLASS B EDUCATION PROGRAM CHECKLIST

Institution: The University of Alabama in Huntsville

Date Approved: 6/1/2020
Date Expires: 6/30/2023
Revisions: _____

General Studies

Shall include courses and /or experiences in the humanities (including English language arts), social studies, mathematics, and science.

Humanities: (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: (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	3
PY 201	3
*Must take either EH literature sequence OR HY sequence.	

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

CH 121/125	4
CH 201/205	4
PH 101	4
PH 202	4

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

MA 171 or higher	3-4

Other:

CH 301	3
ESS 111	4
ESS 103	4

Professional Studies

ED 301: Introduction to Education	0
EDC 301: Exceptional Children	3
ED 307: Mult. Foundations of Education	3
ED 308: Educational Psychology	3
ED 350: Technology in the Classroom	3
ED 309: Classroom Management	3
EDC 311: Instructional Strategies	3
ED 408: Content Area Reading	3
ED 410: Fnd. Of Educational Evaluation	3
ED 423: Teaching Science in Middle and Sec. I	2
ED 433: Teaching Science in Middle and Sec. II	2

Internship: ED 497: Middle and High School Internship 12

Teaching Field*

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

BYS 119: Principles of Biology	4
BYS 120: Organismal Biology	4
BYS 219: Genetics and Evolution	4
BYS 300: Cell and Dev. Biology	4
BYS 312: Principles of Ecology	4
BYS 321: General Microbiology I	4
BYS 490: Senior Capstone in Biology	2
BYS Elective (300+ Level)	3
BYS Elective (300+ Level)	3

*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.

Dean of Education: Beth N. Quick

Date 6/8/2020