

University of Alabama in Huntsville

LOUIS

Undergraduate Program Checklists

College of Education

6-11-2020

Education B.S. - Secondary Chemistry

University of Alabama in Huntsville

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Program: Education B.S. – Secondary Chemistry (6-12)
Total Hours: 123-132

CLASS B EDUCATION PROGRAM CHECKLIST

Institution: The University of Alabama in Huntsville

Date Approved: 6/11/2020
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.)	
<u>EH 101 and 102 or EH 103 or EH 105</u>	<u>3-6</u>
<u>Fine Arts</u>	<u>3</u>
<u>Humanities (literature)*</u>	<u>3-6</u>
<u>Humanities (non-literature)</u>	<u>3</u>
<u>CM 113 (Public Speaking)</u>	<u>3</u>
_____	_____
_____	_____
Social Studies: (Shall include at least 12 hours for Early Childhood, Elementary, and Special Education programs.)	
<u>HY Courses*</u>	<u>3-6</u>
<u>Social & Behavioral Science (non-history)</u>	<u>3</u>
<u>PY 101</u>	<u>3</u>
<u>PY 201</u>	<u>3</u>
*Must take either EH literature sequence	
OR HY sequence	
_____	_____
Science: (Shall include at least 12 hours for Early Childhood, Elementary, and Special Education programs.)	
<u>PH 101</u>	<u>4</u>
<u>PH 102</u>	<u>4</u>
_____	_____
_____	_____
Mathematics: (Shall include at least 12 hours for Early Childhood, Elementary, and Special Education programs.)	
<u>MA 171</u>	<u>3</u>
_____	_____
_____	_____
Other:	
<u>BYS 119</u>	<u>4</u>
<u>BYS 120</u>	<u>4</u>
<u>ESS 103</u>	<u>4</u>
_____	_____

Professional Studies	
<u>ED 301: Introduction to Education</u>	<u>0</u>
<u>EDC 301: Exceptional Children</u>	<u>3</u>
<u>ED 307: Mult. Foundations of Education</u>	<u>3</u>
<u>ED 308: Educational Psychology</u>	<u>3</u>
<u>ED 350: Technology in the Classroom</u>	<u>3</u>
<u>ED 309: Classroom Management</u>	<u>3</u>
<u>EDC 311: Instructional Strategies</u>	<u>3</u>
<u>ED 408: Content Area Reading</u>	<u>3</u>
<u>ED 410: Fnd. Of Educational Evaluation</u>	<u>3</u>
<u>ED 423: Tchng Science in Middle and Sec. I</u>	<u>2</u>
<u>ED 433: Tchng Science in Middle and Sec. II</u>	<u>2</u>
Internship: <u>ED 497: Middle and High School Internship</u>	<u>12</u>
_____	_____
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.	
<u>CH 121/125: General Chemistry I</u>	<u>4</u>
<u>CH 123/126: General Chemistry II</u>	<u>4</u>
<u>CH 223/224: Quantitative Analysis</u>	<u>4</u>
<u>CH 331/335: Organic Chemistry I</u>	<u>4</u>
<u>CH 332/336: Organic Chemistry II</u>	<u>4</u>
<u>CH 347: Biophysical Chemistry I</u>	<u>3</u>
<u>CH 348: Biophysical Chemistry II</u>	<u>3</u>
<u>CH 361/362: General Biochemistry</u>	<u>4</u>
<u>CH 401: Inorganic Chemistry</u>	<u>3</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
*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: <u>Beth N. Quick</u>	_____
Date <u>6/8/2020</u>	_____