



STATE OF ALABAMA DEPARTMENT OF EDUCATION
TEACHER EDUCATION AND CERTIFICATION

Program: Chemistry HS 6-12
Total Hours: 128

CLASS B EDUCATION PROGRAM CHECKLIST

Institution: University of South Alabama

Date Approved: _____
Date Expires: _____
Revisions: _____

General Studies

Shall include courses and /or experiences in the humanities, Social science, mathematics, and science.

Humanities: (Shall include 12 hours of English Language Arts for Early Childhood, Elementary, and Special Education Programs.)

<u>EH 101 Composition I</u>	<u>3 hrs</u>
<u>EH 102 Composition II</u>	<u>3</u>
<u>CA 110 Public Speaking</u>	<u>3</u>
<u>1 Course from ARS, ARH, DRA, MUL,</u>	<u>3</u>
_____	_____
_____	_____
Total	12 hr

Social Science: (Shall include 12 hours for Early Childhood, Elementary, and Special Education Programs.)

<u>Minimum semester hours required from</u>	<u>12</u>
<u>SY, HY, PSC, AN, ECO, GEO, PSY, (or)</u>	_____
<u>AIS 115 or 201</u>	_____
_____	_____
_____	_____

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

<u>CH 131 General Chemistry I & CH 131L</u>	<u>4</u>
<u>CH 132 General Chemistry II & CH 132L</u>	<u>4</u>
<u>PH 201 Calculus-Based Physics I</u>	<u>4</u>
_____	_____

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

<u>MA 125 Calculus I</u>	<u>4</u>
<u>MA 126 Calculus II</u>	<u>4</u>
_____	_____

Other:

<u>PE 100 Concepts of Health & Fitness</u>	<u>3</u>
<u>PE 101-157 Activity Courses 1 hr</u>	<u>1</u>
<u>Electives</u>	<u>16</u>
<u>Total Hours Required in General Studies</u>	<u>64</u>

Professional Studies

<u>EDU 342 Secondary Field Experience</u>	<u>1</u>
<u>*EPY 351 Human Growth & Dev</u>	<u>3</u>
<u>*EDF 315, Multicultural Educ</u>	<u>3</u>
<u>*EDM 310 Microcomputing Sys in Educ</u>	<u>3</u>
<u>*EDU 400 Edu for Except Child & Youth</u>	<u>3</u>
<u>EDU 340 Foundations of Teaching</u>	<u>3</u>
<u>EDU 451 Content Area Literacy</u>	<u>3</u>
<u>EDU 341 Teaching Skills</u>	<u>3</u>
<u>EPY 355 Eval of Teaching & Learning</u>	<u>3</u>
Internship: EDU 468 Student Teach HS	9
<u>* = Courses taken prior to Candidacy</u>	_____
Total	34

Teaching Field*

Must include an academic major of at least 32 semester hours with a minimum of 19 hours at the upper division. (List all courses required for the teaching field.)

<u>EDU 456 Teach Science in Sec Sch</u>	<u>3</u>
<u>EDU 363 Teaching Special Needs Learners</u>	<u>3</u>
<u>MA 125, 126 Calculus I, II</u>	<u>8</u>
<u>CH 131 General Chemistry I & CH 131L</u>	<u>4</u>
<u>CH 132 General Chemistry II & CH 132L</u>	<u>4</u>
<u>CH 150 Intro to Computer Chemistry</u>	<u>2</u>
<u>CH 201 Organic Chemistry I & CH 201L</u>	<u>4</u>
<u>CH 202 Organic Chemistry II & CH 202L</u>	<u>4</u>
<u>PH 201 Calculus-Based Physics I</u>	<u>4</u>
<u>PH 202 Calculus-Based Physics II</u>	<u>4</u>
<u>CH 265 Introductory Analysis & CH 265L</u>	<u>4</u>
<u>CH 300 Phy Chem & CH 300L (OR)</u>	_____
<u>CH 301 Physical Chem I & CH 301L</u>	<u>4</u>
<u>CH 440 Biochemistry I</u>	<u>3</u>
<u>CH 465 Instrumental Analysis & CH 465 L</u>	<u>5</u>
<u>CH 300-499 Upper Division Electives</u>	<u>10</u>
Minimum	66

*English Language Arts shall include courses in English (including grammar and reading), speech, drama or theatre, and journalism. General Social Science 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:

Thomas D. Chilton

Date: 06-11-10