



Program: Secondary Physics 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>
_____	_____
_____	_____
<b>Total</b>	<b>12 hr</b>

**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</u>	<u>4</u>
<u>CH 132 General Chemistry II</u>	<u>4</u>
<u>PH 201 Calc-based Physics I</u>	<u>4</u>
_____	_____

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

<u>MA 125 Calc I, MA 126 Calc II</u>	<u>8</u>
_____	_____
_____	_____

**Other:**

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

**Professional Studies**

<u>EDU 342 Secondary Field Experience</u>	<u>1</u>
<u>*EPY 351 Human Growth &amp; 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 &amp; 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 &amp; Learning</u>	<u>3</u>
<b>Internship: EDU 468 Student Teach HS</b>	<b>9</b>
<u>* = Courses taken prior to Candidacy</u>	_____
<b>Total</b>	<b>34</b>

**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>PH 107 Freshman Physics Seminar</u>	<u>1</u>
<u>MA 125 Calc I, MA 126 Calc II</u>	<u>8</u>
<u>MA 227 Calc III</u>	<u>4</u>
<u>MA 238 Diff Equations</u>	<u>3</u>
<u>CH 131, 132 General Chemistry I, II</u>	<u>8</u>
<u>EDU 363 Teaching Special Needs Learners</u>	<u>3</u>
<u>PH 201 Calc-based Physics I</u>	<u>4</u>
<u>PH 202 Calc-based Physics II</u>	<u>4</u>
<u>PH 300-400 Physics Elective</u>	<u>3</u>
<u>PH 303 Modern Physics</u>	<u>4</u>
<u>PH 348 E &amp; M I</u>	<u>3</u>
<u>PH 366 Mechanics I</u>	<u>3</u>
<u>PH 385 Advanced Lab</u>	<u>3</u>
<u>PH 463 Thermodynamics</u>	<u>3</u>
<u>PH 448 Quantum Mechanics I</u>	<u>3</u>
<b>Minimum</b>	<b>60</b>

\*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:** 05-22-10