



ALABAMA STATE DEPARTMENT OF EDUCATION
TEACHER EDUCATION AND CERTIFICATION

Program: Mathematics 6 - 12
Total Hours: 128

Date Approved: 4-13-06
Date Expires: 5-31-11
Revisions: 6-1-07

CLASS B EDUCATION PROGRAM

SBE
APPROVED
TEP

Institution: Jacksonville State University

General Studies	Professional Studies
<p>Shall include courses and/or experiences in the humanities, Social sciences, mathematics, and sciences.</p> <p>HUMANITIES: (18 HOURS)</p> <p>Nine (9) hours: All three courses required</p> <p>_____ (3) EH 101 English Composition I _____ (3) EH 102 English Composition II _____ (3) EH 141 Oral Communication</p> <p>Literature (3-6 hours)</p> <p>_____ (3) EH 201 American Literature I _____ (3) EH 202 American Literature II _____ (3) EH 203 Survey of English Literature I _____ (3) EH 204 Survey of English Literature II _____ (3) EH 219 Honors English Literature I _____ (3) EH 220 Honors English Literature II _____ (3) EH 231 World Literature I _____ (3) EH 232 World Literature II</p> <p>Fine Arts (3-6 hours)</p> <p>_____ (3) ART 202 Art Appreciation _____ (3) DR 242 Introduction to Theatre _____ (3) MU 233 Introduction to Music _____ (3) FL 101 Beginner's Foreign Language</p> <p>SOCIAL SCIENCES: (12 HOURS)</p> <p>History (3-6 hours)</p> <p>_____ (3) HY 101 Western Civilization I _____ (3) HY 102 Western Civilization II _____ (3) HY 201 American History I _____ (3) HY 202 American History II</p> <p>Social & Behavioral Sciences (6-9 hours)</p> <p>_____ (3) AN 224 Introduction to Anthropology _____ (3) EC 221 Principles of Microeconomics _____ (3) EC 222 Principles of Macroeconomics _____ (3) GY 120 World Regional Geography _____ (3) GY 220 Human Geography _____ (3) PSC100 American Government _____ (3) PSY 201 Principles of Psychology _____ (3) PSY 222 Human Development _____ (3) SY 221 Introduction to Sociology</p> <p>SCIENCES: (8 HOURS)</p> <p>_____ (4) BY 101/103 General Biology I _____ (4) BY 102/104 General Biology II w/Lab _____ (4) CY 105/107 General Chemistry I & Lab _____ (4) CY 106/107 General Chemistry II & Lab _____ (4) PHS 201/211 College Physics I & Lab _____ (4) PHS 202/212 College Physics II & Lab _____ (4) GL 241/243 Physical Geology & Lab _____ (4) GL 242/244 Historical Geology & Lab _____ (4) GY 250/252 Physical Geography: Atom Patterns _____ (4) GY 251/252 Physical Geography: Land Patterns</p> <p>MATHEMATICS: (4 HOURS)</p> <p>_____ (4) MS 125 Calculus I</p> <p>OTHER: (12 HOURS)</p> <p>_____ (3) CS or TEC 201 Technology _____ (3) CS 231 Computer Science _____ (3) CS 230/L Computer Science _____ (1) Elective</p>	<p>Must be taken prior to admission to Teacher Education.</p> <p>_____ (1) ED 300 Introduction to Teacher Education _____ (3) EIM 300 Introduction to Educational Tech _____ (3) SPE 300 Survey of Excep Children & Youth</p> <p>Must be admitted to Teacher Education to take the following courses.</p> <p>_____ (3) ESE 331 School and Society _____ (3) ESE 383 Reading in the Content Area _____ (3) SPE 385 Curriculum and Behavior Mgt. _____ (0) EPY 429L Developmental Psychology Lab</p> <p>All Professional Studies courses listed above and a minimum of 38 hours from Teaching Field courses must be completed prior to enrollment in the following block courses.</p> <p>_____ (3) ESE 404 Effective Teaching _____ (2) ESE 484 Practicum _____ (3) ESE 420 Teaching Mathematics _____ (3) ESE 444 Assessment of Teach & Learn in Secondary Schools</p> <p>Internship:</p> <p>_____ (9) ESE 486 Internship in Grades 6-12</p> <p>Teaching Field*</p> <p>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.)</p> <p>_____ (4) MS 125 Calculus I _____ (4) MS 126 Calculus II _____ (4) MS 227 Calculus III _____ (3) MS 300 Intro to Advanced Mathematics _____ (3) MS 302 Applied Probability and Statistics _____ (3) MS 305 Number Theory or Combinatorics _____ (3) MS 309 College Geometry _____ (3) MS 323 Differential Equations _____ (3) MS 344 Linear Algebra _____ (3) MS 352 Advanced Calculus I _____ (3) MS 415 Abstract Algebra I _____ (3) MS 441 Senior Seminar in Mathematics</p> <p>*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.</p> <p>Dean of Education: <u>Cynthia Harper</u></p> <p>Date: <u>July 4, 2007</u></p>