

CLASS B SECONDARY MATHEMATICS EDUCATION PROGRAM CHECKLIST

INSTITUTION: ALABAMA STATE UNIVERSITY

Date Approved: _____

Date Expires: _____

Revisions: _____

General Studies 51

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

Humanities: 12

<u>ENG 131-132 Eng Composition OR</u>	<u>6</u>
<u>ENG 140-141 Honors English</u>	
<u>ENG 209 Intro to Literature OR</u>	<u>3</u>
<u>ENG 210 Intro to Literature</u>	
<u>HUM 103*Hum Thru Afro-Am Exp</u>	<u>3</u>

Social Science: 12

<u>ECO 254 Intro to Economics</u>	<u>3</u>
<u>GEO 206 World Geography</u>	
<u>HIS 131 World History</u>	<u>3</u>
<u>HIS 132 World History</u>	<u>3</u>
<u>PSY 251 General Psychology</u>	<u>3</u>

Science: 16

<u>CHE 141-142 Gen College Chemistry I, II</u>	<u>8</u>
<u>CSC 211 Program Concepts Standards Met</u>	<u>4</u>
<u>CSC 212 Intro Data Structures, Algorithms</u>	<u>4</u>

Mathematics: 4

<u>MAT 265 Calculus and Analytic Geometry**</u>	<u>4</u>
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Other: 7

<u>HEA 100 Personal Health</u>	<u>2</u>
<u>PED Activities</u>	<u>1</u>
<u>ORI 100 Orientation</u>	<u>1</u>
<u>SPE 200 Voice and Diction OR</u>	<u>3</u>
<u>SPE 205 Public Speaking</u>	

*Student originating at ASU requirement.
 ** Student must have prerequisite competencies

Professional Studies 40

<u>EDU 300 Foundations of Education</u>	<u>3</u>
<u>EDU 400 Psychology of Learning</u>	<u>3</u>
<u>SED 170 Diverse Students in Inclu Sch</u>	<u>3</u>
<u>EDU 488 Met of Tchng Math Sec Sch</u>	<u>3</u>
<u>EDU 321 Instr Technology for Educators</u>	<u>3</u>
<u>REA 478 Reading in the Content Areas</u>	<u>3</u>
<u>EDU 301 Meas and Eval in Education</u>	<u>3</u>
<u>EDU 099 Admission to Teacher Education</u>	<u>0</u>
<u>EDU 100 Prep for Admission to TEP</u>	<u>1</u>
<u>EDU 485 Comm Skills for Edu and</u>	<u>6</u>
<u>EDU 486 Classroom Management in Sec</u>	

Internship: EDU 482 Professional Internship in the Secondary School 12

Teaching Field* 44

At least 1/3 shall be upper-division coursework. (List all courses required for the teaching field.)

<u>MAT 251 Linear Algebra</u>	<u>3</u>
<u>MAT 256 Discrete Mathematics</u>	<u>3</u>
<u>MAT 266 Calculus</u>	<u>4</u>
<u>MAT 267 Calculus</u>	<u>4</u>
<u>MAT 373-374 Intro. to Modern Algebra</u>	<u>6</u>
<u>MAT 375 Differential Equation</u>	<u>3</u>
<u>MAT 472-473 Probability & Statistics</u>	<u>6</u>
<u>MAT 484 Modern Geometry</u>	<u>3</u>
<u>MAT 495 History of Mathematics</u>	<u>3</u>
<u>MAT 486 Intro to Real Analysis</u>	<u>3</u>
<u>MAT 487 Senior Seminar</u>	<u>3</u>

Approved Mathematics Course (300-400 Level)

<u>MAT 401 Advanced Calculus</u>	<u>3</u>
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OPTIONAL COURSES:

FLS 161 & 162 –Spanish 1 & II

*Published admission and curriculum requirements will be modified when necessary to reflect the State Department of Education (SDE) changes.

Required Exams

Exit Exam
 APTTP
 PRAXIS II

Dean of Education:

Date: _____