

CLASS B SECONDARY GENERAL SCIENCE EDUCATION PROGRAM CHECKLIST

INSTITUTION: ALABAMA STATE UNIVERSITY

Date Approved: _____

Date Expires: _____

Revisions: _____

General Studies 44

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

Humanities: 12

ENG 131-132 Eng Composition OR 6

ENG 140-141 Honors English

ENG 209 Intro to Literature OR 3

ENG 210 Intro to Literature

HUM 103 Hum Thru Afro-Am Exp 3

Social Science: 12

GEO 206 World Geography 3

HIS 131 World History 3

HIS 132 World History 3

PSY 251 General Psychology 3

Science: 8

BIO 127 General Biology & 4

BIO 128 General Biology OR 4

CHE 141 General Chemistry 4

CHE 142 General Chemistry 4

Mathematics: 6

MAT 165 Precalculus Trigonometry 5

MAT 265 Calculus and Analytic Geometry 4

Other: 6

HEA 100 Personal Health 2

ORI 100 Orientation 1

SPE 200 Voice and Diction OR 3

SPE 205 Public Speaking

Required Exams

Exit Exam

APTP

PRAXIS II

Professional Studies 40

EDU 300 Foundations of Education 3

EDU 400 Psychology of Learning 3

SED 170 Diverse Students in Inclu Sch 3

EDU 490 Methods Teach Science Sec Sch 3

EDU 321 Instr Technology for Educators 3

REA 478 Reading in the Content Areas 3

EDU 301 Meas and Eval in Education 3

EDU 099 Admission to Teacher Education 0

EDU 100 Prep for Admission to TEP 1

EDU 485 & EDU 486 Elective 6

Internship: EDU 482 Professional 12

Internship in the Secondary School

Teaching Field* 72

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

Biology: 36

BIO 305 Population Biology and Evolution 3

BIO 240 General Zoology 4

BIO 241 Botany 4

BIO 310 Introductory Ecology 4

BIO 320 Human Physiology 4

BIO 337 Cell Biology 4

BIO 420 Molecular Biology and Genetics 4

BIO 450 Senior Seminar 1

BIO 350 Bio Tech & Instrumentation 4

Chemistry 18

CHE 141-142 Gen Coll Chemistry I & II 8

CHE 211-212 Organic Chemistry I & II 10

Physics 16

PHY 206-207 College Physics I & II 8

PHY 308-309 Modern Physics 6

Earth and Space Science 8

PSC 231 Physical Science I 4

PSC 232 Physical Science II 4

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

Dean of Education:

Date: _____