

CLASS B SECONDARY CHEMISTRY EDUCATION PROGRAM CHECKLIST

INSTITUTION: ALABAMA STATE UNIVERSITY

Date Approved: \_\_\_\_\_

Date Expires: \_\_\_\_\_

Revisions: \_\_\_\_\_

**General Studies 47**

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: 12**

CHE 141 General College Chemistry I 4

CHE 142 General College Chemistry II 4

PHY 210 General Physics I 4

**Mathematics: 4**

MAT 265 Calculus 4

**Other: 7**

HEA 100 Personal Health 2

PED Activities 1

ORI 100 Orientation 1

SPE 200 Voice and Diction OR 3

SPE 205 Public Speaking

\* Student originating at ASU requirement.

**Required Exams**

Exit Exam

AP TTP

PRAXIS II

**Professional Studies 40**

EDU 300 Foundations of Education 3

EDU 400 Psychology of Learning 3

SED 170 Diverse Students in Incl Sch 3

EDU 490 Met Tchng 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 Comm Skills for Edu & 6

EDU 486 Classroom Management in Sec

**Internship:** EDU 482 Professional 12

Internship in the Secondary School

**Teaching Field\* 55**

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

CHE 141 General College Chemistry I 4

CHE 142 General College Chemistry II 4

CHE 211 Organic Chemistry I 5

CHE 212 Organic Chemistry II 5

CHE 342 Quantitative Analysis 4

CHE 321 Physical Chemistry 4

CHE 421 Biochemistry 4

CHE 431 Senior Honors Research 2

CHE 322 Physical Chemistry 4

PHY 211 General Physics I 4

**ELECTIVES:**

CHE 422 Biochemistry OR

CHE 419 Physical Organic Chemistry 4

MAT 266 Calculus/Analytic Geometry II 4

MAT 267 Calculus/Analytic Geometry III 4

MAT 375 Differential Equations 3

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

**Dean of Education:**

\_\_\_\_\_

Date: \_\_\_\_\_