

SEP 02 2005

Program: Dual Major: Biology and Secondary Education  
Total Hours: 142

CLASS B SECONDARY BIOLOGY EDUCATION PROGRAM CHECKLIST

SBE  
APPROVED  
TEP

INSTITUTION: ALABAMA STATE UNIVERSITY

Date Approved: 9/2/05  
Date Expires: 3/10/09  
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 3  
ENG 209 Intro to Literature OR 3  
ENG 210 Intro to Literature 3  
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 127-128 General Biology 8

**Mathematics: 6**

MAT 165 Precalculus Trigonometry OR 3  
MAT 265 Calculus 3  
MAT 225 Introduction to Statistics OR 3  
MAT 472 Probability and Statistics 3

**Other: 6**

HEA 100 Personal Health 2  
ORI 100 Orientation 1  
SPE 200 Voice and Diction OR 3  
SPE 205 Public Speaking 3

\* Student originating at ASU requirement.

Required Exams

Exit Exam  
APTT  
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 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 3  
EDU 486 Classroom Management in Sec 3  
Internship: EDU 482 Prof Internship 12  
in the Secondary School

**Teaching Field\* 58**

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

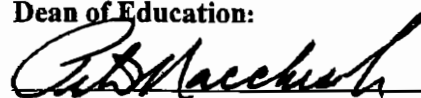
BIO 305 Population Biology and Evolution 3  
BIO 240 General Zoology 4  
BIO 241 Botany 4  
BIO 310 Introductory Ecology 4  
BIO 320 Human Physiology 4  
BIO 337 Cell Biology 4  
BIO 420 Molecular Biology and Genetics 4  
BIO 450 Senior Seminar 1  
BIO 350 Bio Tech & Instrumentation 4

**Required Support Courses:**

CHE 141-142 Gen College Chemistry I & II 8  
CHE 211-212 Organic Chemistry I & II 10  
PHY 206-207 College Physics I & II 8

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

Dean of Education:



Date: July 19, 2005