

**EAST CENTRAL UNIVERSITY
BIOLOGY - B.S.
TEACHER CERTIFICATION
CONCENTRATION 0041/UG17**

Advisor _____

Student's Name _____ ID No. _____

DEGREE CHECK INCLUDES CURRENT ENROLLMENT

Checked by _____ Date _____
 Required:
 124 total hours _____ completed
 30 hrs @ ECU _____ completed
 (15 of last 30 must be at ECU) _____
 60 hrs @ Sr College _____ completed
 40 hrs upper level _____ completed
 HS Curricular Req __ met __ not met

Work in progress _____
 2.0 minimum required in the following
 areas:
 ECU Avg _____ Rtn Avg _____
 Major Overall Avg _____
 Major ECU Avg _____
 Minor Overall Avg _____

Work lacking:
 Major _____ (inc A/C and Related Work)
 Minor _____ (incl Rel Wk)
 Prof Educ _____
 General Educ _____
 Comp Prof __ met __ not met

REQUIREMENTS

HOURS

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HOURS

I. General Education (44 HOURS)

*17 hours (BIOL 1114, CHEM 1114, COMM 1113, MATH 1513
 or 2825 and PSYCH 1113) counted in the Major*

*Demonstrate novice high competency in a foreign language or complete a
 Foreign Language or American Sign Language course with a C or higher.*

Other hours needed **27**

II. Major in Biology

31-32

A. Required General Education

4

___ BIOL 1114 General Biology

B. Required in the Biology Core

16

___ BIOL 1214 General Botany

___ BIOL 1314 General Zoology

___ BIOL 3434 Genetics

___ BIOL 3634 Human Physiology

**C. Required for Concentration in Teacher
 Certification**

11-12

___ B/C/P 4113 Mthd Tch Biol/Phy Sci

___ BIOL 4414 Ecology

One of the following:

___ BIOL 2184 Human Anatomy

___ BIOL 3245 Comparative Vertebrate Anatomy

III. Related Work

36-38

A. Required General Education

13-15

___ CHEM 1114 General Chemistry I

___ COMM 1113 Fundamentals of Human Comm

___ MATH 1513 College Algebra **OR**

___ MATH 2825 Calculus and Analytic Geometry I

___ PSYCH 1113 General Psychology

B. Required Related Work

16

___ CHEM 1214 General Chemistry II

___ PHYS 1114 General Physics I

___ PHYS 1214 General Physics II

___ PHYS 1314 Astronomy

C. Related Work Electives

7

Select one of the following:

___ CHEM 1314 General Organic and Biochemistry

___ CHEM 3114 Organic Chemistry I

___ CHEM 3214 Quantitative Analysis I

AND

___ Three hours Earth Science electives _____

IV. Minor

Professional Education is used as the minor and no other minor
 is required.

V. Professional Education

30

___ EDUC 2402 Survey of Excep Child

___ PSYCH 3463 Child and Adolescent Psych

___ EDUC 2012 Foundations of Educ

___ EDUC 2631 Foundations of Educ Technology

___ EDUC 2211 Field Experience I

___ EDPSY 3513 Educ Psych

___ EDUC 3001 Field Experience II

___ EDUC 4042 Strat for Effective Tchg

___ EDUC 4611 Field Experience III

___ EDUC 4632 Education Technology Integration Strategies

___ EDUC 4262 Student Teaching Seminar I

___ EDUC 4282 Student Teaching Seminar II

___ EDUC 4974 Sup Student Tchng Secondary School

___ EDUC 4974 Sup Student Tchng Secondary School

VI. Total Hours Required

124-127

VII. Special Requirements

With departmental approval, students may omit MATH 1513 and begin with
 MATH 2825.

The OSRHE computer proficiency graduation requirement will be met through
 the completion of the courses EDUC 4611 Field Experience III and EDUC 4632
 Education Technology (including equated or substituted courses), both of which
 are required courses in the professional education sequence.

