

**EAST CENTRAL UNIVERSITY
BIOLOGY - B.S.
TEACHER CERTIFICATION CONCENTRATION
0041/UG14-UG15**

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 _____
 Minor ECU Avg _____

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

REQUIREMENTS

HOURS

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HOURS

I. General Education (45 HOURS)

17 hours (BIOL 1214, CHEM 1114, COMM 1113, MATH 1513 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 **28**

II. Major in Biology-Teacher Certification 30

A. Required General Education 4
 ___ BIOL 1214 General Botany

B. Required in Biology-Teacher Certification 23
 ___ B/C/P 4113 Mthds of Tchg Biol and Phys Sci
 ___ BIOL 1314 General Zoology
 ___ BIOL 2184 Human Anatomy
 ___ BIOL 3434 Genetics
 ___ BIOL 3634 Human Physiology
 ___ BIOL 4414 Ecology

C. Required Biology Electives 3
 ___ Three hours biology electives (above BIOL 1314, not 4881)

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 2211 Field Experience I
 ___ EDPSY 3513 Educ Psych
 ___ EDUC 3001 Field Experience II
 ___ EDUC 4043 Strat for Effective Tchg
 ___ EDUC 4611 Field Experience III
 ___ EDUC 4632 Education Technology
 ___ EDUC 4262 Student Teaching Seminar
 ___ EDUC 4975 Sup Student Tchng Secondary School
 ___ EDUC 4975 Sup Student Tchng Secondary School

VI. Total Hours Required 124-126

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.

Students beginning at East Central University in the fall 2007 semester or later who have earned less than sixty-four semester hours are required to take two classes with designated service-learning component. Students transferring to ECU for the first time in the fall 2007 semester or later with sixty-four or more semester hours will be required to take one class with a service-learning component.

