

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

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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**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

**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  
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**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.