

**EAST CENTRAL UNIVERSITY  
CHEMISTRY - B.S.  
TEACHER CERTIFICATION CONCENTRATION  
0101/UG14-UG16**

Name

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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**I. General Education (44 HOURS)**

*17 hours (BIOL 1114, 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 **27**

**II. Major in Chemistry-**

**30**

**A. Required General Education**

4

\_\_\_ CHEM 1114 General Chemistry I

**B. Required in the Chemistry Core**

16

\_\_\_ CHEM 1214 General Chemistry II

\_\_\_ CHEM 3114 Organic Chemistry I

\_\_\_ CHEM 3214 Quantitative Analysis

\_\_\_ CHEM 4114 Organic Chemistry II

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

3

\_\_\_ B/C/P 4113 Mthds of Tchng Biol and Phys Sci

**D. Required Chemistry Electives**

Seven hours chemistry electives **7**

**III. Related Work**

**41-43**

**A. Required General Education**

13-15

\_\_\_ BIOL 1114 General Biology

\_\_\_ 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**

**28**

\_\_\_ BIOL 1314 General Zoology

\_\_\_ BIOL 2184 Human Anatomy

\_\_\_ BIOL 3634 Human Physiology

\_\_\_ GEOG 1214 Earth Science

\_\_\_ PHYS 1114 General Physics I

\_\_\_ PHYS 1214 General Physics II

\_\_\_ PHYS 1314 Astronomy

**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 Tchng

\_\_\_ 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**

**128-130**

**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.

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