

**EAST CENTRAL UNIVERSITY  
MATHEMATICS - B.S.  
TEACHER CERTIFICATION CONCENTRATION  
0293/UG11-UG13**

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**

**I. General Education (45 HOURS)**

12 hours (CMPSC 1113, 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 **33**

**II. Major in Mathematics-Teacher Certification**

**40-46**

**A. Required General Education**

0-3

\_\_\_ MATH 1513 College Algebra

**B. Required in Mathematics-Teacher Certification**

34-37

- \_\_\_ MATH 1713 Trigonometry
- \_\_\_ MATH 2213 Intro to Probability and Statistics
- \_\_\_ MATH 2825 Calculus and Analytic Geometry I
- \_\_\_ MATH 3025 Calculus and Analytic Geometry II
- \_\_\_ MATH 3033 Calculus and Analytic Geometry III
- \_\_\_ MATH 3093 Intro to Theorem Prov & Number Theory
- \_\_\_ MATH 3213 College Geometry
- \_\_\_ MATH 3713 Linear Algebra
- \_\_\_ MATH 3813 Modern Algebra
- \_\_\_ MATH 4913 Meth of Teaching Secondary Math
- \_\_\_ MATH 4923 Perspectives in Mathematics

**C. Required Mathematics Electives** 6  
Six hours math electives (3000-4000 level)

**III. Related Work**

**9**

**Required General Education**

9

- \_\_\_ COMM 1113 Fundamentals of Human Comm
- \_\_\_ CMPSC 1113 Computer Programming I  
**OR** other computer programming course in a high level language (logical, functional, or procedural, including Mathematical).
- \_\_\_ PSYCH 1113 General Psychology

**REQUIREMENTS**

**HOURS**

**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. Electives**

**6-12**

**VII. Total Hours Required**

**124**

**VIII. Special Requirements**

MATH 1413 will not be counted in the major.

Note: Students who completed trigonometry in high school may, upon department approval, omit MATH 1713. Students who completed high school algebra II may, upon department approval, omit MATH 1513.

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.
