EAST CENTRAL UNIVERSITY
MATHEMATICS - B.S.
GENERAL MATHEMATICS CONCENTRATION
0292/UG14

Advisor __________________________

Student’s Name __________________________ ID No. ____________

DEGREE CHECK INCLUDES CURRENT ENROLLMENT

Checked by __________ Date __________ Work in progress __________

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 lacking:
2.0 minimum required in the following areas:
Major ____ (inc A/C and Related Work)
Minor ____ (incl Rel Wk)
Major Overall Avg __________________
Prof Educ ______
General Educ ______
Minor Overall Avg _____________
Comp Prof ___ met ___ not met
Serv Lrng ___ met ___ not met

REQUIREMENTS HOURS

I. General Education (45 HOURS)

6 hours (CMPSC 1113 and MATH 1513) counted in the Major
Other hours needed ______

39

II. Concentration in General Mathematics ______

A. Required General Education ______
   MATH 1513 College Algebra

B. Required Concentration ______
   MATH 1713 Trigonometry
   MATH 2285 Calculus and Analytic Geometry I
   MATH 2502 Calculus and Analytic Geometry II
   MATH 3025 Calculus and Analytic Geometry III
   MATH 3093 Intro to Theorem Prov & Number Theory
   MATH 3713 Linear Algebra
   MATH 3813 Modern Algebra
   MATH 4113 Differential Equations
   MATH 4133 Intermediate Analysis
   MATH 4923 Perspectives in Mathematics

C. Required Electives ______
Nine hours other mathematics electives (3000-4000)

IV. Minor (Required) ______

The minor with the Mathematics major may be selected by the student. Areas recommended are accounting, biology, chemistry, computer science, cartography, physics, and environmental health science.

V. Electives ______

VI. Total Hours Required ______

VII. Special Requirements

MATH 1413, “teachers” or “methods” courses will not be counted in the major.

With departmental approval, students may omit MATH 1513 and MATH 1713 and begin with MATH 2825.

The OSRHE computer proficiency graduation requirement will be met through completion of CMPSC 1113 (including equated or substituted courses), or testing out of the challenge exam for this course, OR successful completion of an associate of arts or associate of science degree at an Oklahoma two-year college in which the computer skills requirement was met. Satisfaction of this requirement may not reduce or remove any program requirements.

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.

MINOR __________________________

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