EAST CENTRAL UNIVERSITY
MATHEMATICS - B.S.
GENERAL MATHEMATICS
CONCENTRATION 0292/UG18

Advisor _____

Student's Name_____ ID No. _____

DEGREE CHECK INCLUDES CURRENT ENROLLMENT

Checked by _____ **Date** _____	**Work in progress**_____
Required:	**2.0 minimum required in the following**	**Work lacking:**

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**

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

I. General Education (44 HOURS)

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

Other hours needed   **38**

II. Concentration in General Mathematics   46-52

A. Required General Education   0-3
__ MATH   1513 College Algebra

B. Required in the Mathematics Core   22-25
__ MATH   1223 Intro to Probability and Statistics
__ MATH   1713 Trigonometry
__ MATH   2825 Calculus and Analytic Geometry I
__ MATH   3025 Calculus and Analytic Geometry II
__ MATH   3033 Calculus and Analytic Geometry III
__ MATH   3713 Linear Algebra
__ MATH   4923 Perspectives in Mathematics

C. Required for Concentration in General   15
Mathematics

__ MATH   3093 Intro to Theorem Prov & Number Theory
__ MATH   3813 Modern Algebra
__ MATH   4113 Differential Equations
__ MATH   4133 Intermediate Analysis
__ MATH   4223 Introduction to Point Set Topology

D. Required Electives   9
Nine hours other mathematics electives (3000-4000)
__ _____
__ _____
__ _____

REQUIREMENTS   HOURS

III. Related Work
Required General Education   **3**
__ CMPSC   1113 Computer Programming I **OR**
        other computer programming course in a high
        level language (logical, functional, or procedural,
        including Mathematica).

IV. Minor (Not Required)

V. Electives   **31-37**

Students may choose courses in this section to complete a minor or pre-
professional degree program requirement. Minors in areas such as computer
science, chemistry or physics are strongly recommended. Pre-professional
programs that students may highly consider include Pre-Engineering, Pre-Law
or Pre-Professional Sciences that lead to admission to professionals schools of
medicine, dentistry or optometry.

VI. Total Hours Required   **124**

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.

MINOR_____

____	_____	____	_____	____	_____
____	_____	____	_____	____	_____
____	_____	____	_____	____	_____
____	_____	____	_____	____	_____
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