

**EAST CENTRAL UNIVERSITY
MATHEMATICS - B.S.
GENERAL MATHEMATICS CONCENTRATION
0292/UG16**

Name _____

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	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

<u>REQUIREMENTS</u>	<u>HOURS</u>	<u>REQUIREMENTS</u>	<u>HOURS</u>
I. General Education (44 HOURS)		IV. Minor (Required)	16-21
<i>6 hours (CMPSC 1113 and MATH 1513) counted in the Major</i>		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.	
Other hours needed	38		
II. Concentration in General Mathematics	43-49	V. Electives	13-24
A. Required General Education	0-3	VI. Total Hours Required	124
___ MATH 1513 College Algebra		VII. Special Requirements	
B. Required Concentration	34-37	MATH 1413, "teachers" or "methods" courses will not be counted in the major.	
___ MATH 1713 Trigonometry		With departmental approval, students may omit MATH 1513 and MATH 1713 and begin with MATH 2825.	
___ MATH 2213 Intro to Probability and Statistics		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, <u>OR</u> 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.	
___ 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 3713 Linear Algebra			
___ MATH 3813 Modern Algebra			
___ MATH 4113 Differential Equations			
___ MATH 4133 Intermediate Analysis			
___ MATH 4923 Perspectives in Mathematics			
C. Required Electives	9		
Nine hours other mathematics electives (3000-4000)			
_____ _____ _____			
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).			

MINOR _____
