# EAST CENTRAL UNIVERSITY <br> MATHEMATICS - B.S. <br> APPLIED MATHEMATICS/PRE-ACTUARY CONCENTRATION 0294/UG14 

Advisor
Student's Name
ID No.
DEGREE CHECK INCLUDES CURRENT ENROLLMENT

| Checked by $\qquad$ Date $\qquad$ Required: <br> 124 total hours $\qquad$ completed <br> 30 hrs @ ECU $\qquad$ completed <br> (15 of last 30 must be at ECU) $\qquad$ <br> 60 hrs @ Sr College $\qquad$ completed <br> 40 hrs upper level $\qquad$ completed <br> HS Curricular Req $\qquad$ met $\qquad$ not met |
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Work in progress
2.0 minimum required in the following Work lacking: areas:
ECU Avg__ Rtn Avg
Rtn Avg
Major Overall Avg $\qquad$ -
Major ECU Avg
Minor Overall Avg
Minor ECU Avg
Major___ (inc A/C and Related Work)

Minor (incl Rel Wk)
Prof Educ $\qquad$ General Educ Comp Prof ___ met $\qquad$ not met
Serv Lrng __ met __ not met

## REQUIREMENTS

HOURS
REQUIREMENTS HOURS
I. General Education ( $\mathbf{4 5}$ HOURS)

12 hours (COMM 1113 or 2253, CMPSC 1113, ECON 2003, and MATH 1513) counted in the Major
Other hours needed
II. Concentration in Applied Math/Pre-Actuary

46-52
A. Required General Education

0-3

- MATH 1513 College Algebra
B. Required Concentration

31-34

- 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 3513 Mathematical Statistics
_ MATH 3583 Applied Statistics
_ MATH 3713 Linear Algebra
_ MATH 4113 Differential Equations
- MATH 4923 Perspectives in Mathematics
C. Required Electives

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Two of the following:
_ CPSMA 3913 Discrete Mathematics
CPSMA 3933 Operations Research
CPSMA 4413 Numerical Methods
Nine hours approved courses from MATH, CMPSC, MIS,
MGMT, MKTG, BUSLW, or FIN (3000-4000)
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III. Related Work
A. Required General Education

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- CMPSC 1113 Computer Programming I OR
other computer programming course in a high level language (logical, functional, or procedural, including Mathematica).
- COMM 1113 Fundamentals of Human Comm OR
- COMM 2253 Communication in the Workplace
_ ECON 2003 Principles of Macroeconomics

