EAST CENTRAL UNIVERSITY MATHEMATICS - B.S. APPLIED MATHEMATICS/PRE-ACTUARY CONCENTRATION 0294/UG13

		Advisor	
Student's Name ID No ID No			
hecked by Date equired: 24 total hours completed 0 hrs @ ECU completed 5 of last 30 must be at ECU) 0 hrs @ Sr College completed 0 hrs upper level completed S Curricular Req met not met	Work in progress 2.0 minimum required areas: ECU Avg Rtn. Major Overall Avg Major ECU Avg Minor Overall Avg Minor ECU Avg	Major (inc A/C aı Avg Minor (incl Rel W Prof Educ General Educ Comp Prof met _	/k) _ not met
REQUIREMENTS I	HOURS	REQUIREMENTS	<u>HOURS</u>
General Education (45 HOURS) 12 hours (COMM 1113 or 2253, CMPSC MATH 1513) counted in the Major Other hours needed Concentration in Applied Math/Pre-Ac A. Required General Education MATH 1513 College Algebra	33	B. Required Related Work ACCT 2103 Financial Accounting ECON 2013 Principles of Microeconomic ENG 3183 Technical and Professional V FIN 3113 Financial Management FIN 3913 Principles of Insurance and MIS 1903 Computer Business Applica MIS 3433 Management Information Sy	Writing Risk Mgmt tion
B. Required Concentration	31-34	IV. Minor (Not Required)	
MATH 1713 Trigonometry MATH 2213 Intro to Probability and		V. Electives	9-15
MATH 2825 Calculus and Analytic C MATH 3025 Calculus and Analytic C MATH 3033 Calculus and Analytic C MATH 3513 Mathematical Statistics MATH 3583 Applied Statistics MATH 3713 Linear Algebra MATH 4113 Differential Equations MATH 4923 Perspectives in Mathem C. Required Electives Two of the following: CPSMA 3913 Discrete Mathematics CPSMA 3933 Operations Research CPSMA 4413 Numerical Methods Nine hours approved courses from MATH MGMT, MKTG, BUSLW, or FIN (3000-	Geometry II Geometry III atics 15 H, CMPSC, MIS,	VII. Special Requirements MATH 1413, "teachers" or "methods" courses will not Students who completed trigonometry in high sch approval, omit MATH 1713. Students who completed upon department approval, omit MATH 1513. Actuaries must pass a series of exams administered (SOA) in order to achieve professional status as an ac P, covers probability and supporting calculus topics. take this exam after completing MATH 3513 Mathem exam, Exam FM, covers interest theory and financ should be taken after FIN 3113 Financial Management subjects such as risk and risk management.	by the Society of Actuaries that The first exam, Exam Pre-actuary students should atical Statistics. The secondial economics. This examnt. Other SOA exams cover
I. Related Work A. Required General Education CMPSC 1113 Computer Programming other computer programming course in a (logical, functional, or procedural, includical COMM 1113 Fundamentals of Human COMM 2253 Communication in the ECON 2003 Principles of Macroecom	30 9 1 OR high level language ng Mathematica). n Comm OR he Workplace	The OSRHE computer proficiency graduation requicompletion of CMPSC 1113 (including equated or succeeding of the challenge exam for this course, OR sassociate of arts or associate of science degree at an Owhich the computer skills requirement was met. Sat may not reduce or remove any program requirements. Students beginning at East Central University in the who have earned less than sixty-four semester hou classes with designated service-learning component. Story the first time in the fall 2007 semester or later with hours will be required to take one class with a standard service.	bstituted courses), or testing uccessful completion of ar klahoma two-year college ir isfaction of this requirement of fall 2007 semester or later are required to take two students transferring to ECU asixty-four or more semester