

**EAST CENTRAL UNIVERSITY  
MATHEMATICS - B.S.  
TEACHER CERTIFICATION CONCENTRATION  
0293/UG07**

Name \_\_\_\_\_

Advisor \_\_\_\_\_

Student's Name \_\_\_\_\_ S.S.N. \_\_\_\_ - \_\_\_\_ - \_\_\_\_ ID No. \_\_\_\_\_

**DEGREE CHECK INCLUDES CURRENT ENROLLMENT**

Checked by _____ Date _____	Work in progress _____	
Required:	2.0 minimum required in the following	Work lacking:
124 total hours _____ completed	areas:	Major _____ (inc A/C and Related Work)
30 hrs @ ECU _____ completed	ECU Avg _____ Rtn Avg _____	Minor _____ (incl Rel Wk)
(15 of last 30 must be at ECU) _____	Major Overall Avg _____	Prof Educ _____
60 hrs @ Sr College _____ completed	Major ECU Avg _____	General Educ _____
40 hrs upper level _____ completed	Minor Overall Avg _____	Comp Prof ____ met ____ not met
HS Curricular Req ____ met ____ not met	Minor ECU Avg _____	Serv Lrng ____ met ____ not met

<u>REQUIREMENTS</u>	<u>HOURS</u>	<u>REQUIREMENTS</u>	<u>HOURS</u>
<b>I. General Education (45 HOURS)</b>		<b>IV. Minor</b>	
<i>12 hours (CMPSC 1113, COMM 1113, MATH 1513 and PSYCH 1113) counted in the Major</i>		Professional Education is used as the minor and no other minor is required.	
<i>Demonstrate novice high competency in a foreign language or complete a Foreign Language or American Sign Language course with a C or higher.</i>			
Other hours needed	<b>33</b>	<b>V. Professional Education</b>	<b>30</b>
<b>II. Major in Mathematics-Teacher Certification</b>	<b>43-49</b>	— EDUC 2402 Survey of Excep Child	
<b>A. Required General Education</b>	3-6	— PSYCH 3463 Child and Adolescent Psych	
— CMPSC 1113 Computer Programming I		— EDUC 2012 Foundations of Educ	
<b>OR</b> other computer programming course in a high level language (logical, functional, or procedural, including Mathematica).		— EDUC 2211 Field Experience I	
— MATH 1513 College Algebra		— EDPSY 3513 Educ Psych	
<b>B. Required in Mathematics-Teacher Certification</b>	34-37	— EDUC 3001 Field Experience II	
— MATH 1713 Trigonometry		— EDUC 4043 Strat for Effective Tchg	
— MATH 2213 Intro to Probability and Statistics		— EDUC 4611 Field Experience III	
— MATH 2825 Calculus and Analytic Geometry I		— EDUC 4632 Education Technology	
— MATH 3025 Calculus and Analytic Geometry II		— EDUC 4262 Student Teaching Seminar	
— MATH 3033 Calculus and Analytic Geometry III		— EDUC 4975 Sup Student Tchng Secondary School	
— MATH 3093 Intro to Theorem Prov & Number Theory		— EDUC 4975 Sup Student Tchng Secondary School	
— MATH 3213 College Geometry			
— MATH 3713 Linear Algebra		<b>VI. Electives</b>	<b>6-12</b>
— MATH 3813 Modern Algebra		<b>VII. Total Hours Required</b>	<b>124</b>
— MATH 4913 Meth of Teaching Secondary Math		<b>VIII. Special Requirements</b>	
— MATH 4923 Perspectives in Mathematics		MATH 1413 will not be counted in the major.	
<b>C. Required Mathematics Electives</b>	6	Note: Students who completed trigonometry in high school may, upon department approval, omit MATH 1713. Students who completed high school algebra II may, upon department approval, omit MATH 1513.	
— Six hours math electives (3000-4000 level)		The OSRHE computer proficiency graduation requirement will be met through the completion of the courses EDUC 4611 Field Experience III and EDUC 4632 Education Technology (including equated or substituted courses), both of which are required courses in the professional education sequence.	
_____		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. Student 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.	
<b>III. Related Work</b>	<b>6</b>		
<b>Required General Education</b>	6		
— COMM 1113 Fundamentals of Speech			
— PSYCH 1113 General Psychology			
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