


East Central University/Eastern Oklahoma State College Articulation Agreement

Bachelor of Science: Mathematics

Teacher Certification Concentration Catalog Year 2014-2015

Associate of Science—Mathematics	Bachelor of Science—Mathematics
<input type="checkbox"/> OLS 1111 Orientation and Library Science	<input type="checkbox"/> EDUC 2012 Foundations of Education
<input type="checkbox"/> ENGL 1113 Freshman Composition I	<input type="checkbox"/> EDUC 2211 Field Experience I
<input type="checkbox"/> POL SC 1113 American Federal Government	<input type="checkbox"/> EDUC 2402 Survey of Exceptional Children
<input type="checkbox"/> MATH 1513 College Algebra*	<input type="checkbox"/> PSYCH 3463 Child and Adolescent Psychology
<input type="checkbox"/> SPCH 1113 Fundamentals of Speech*	<input type="checkbox"/> MATH 2213 Intro to Probability and Statistics
<input type="checkbox"/> MATH 1613 Trigonometry* 16	<input type="checkbox"/> MATH 3093 Intro to Theorem Proving/Number Theory
<hr/>	<input type="checkbox"/> MATH 4913 Meth Teach Sec Math OR MATH —3 Req Upper Level Elective 17
<input type="checkbox"/> ENGL 1213 Freshman Composition II	<input type="checkbox"/> EDPSY 3513 Educational Psychology
<input type="checkbox"/> Physical Science	<input type="checkbox"/> EDUC 3001 Field Experience II
<input type="checkbox"/> PSY 1113 Introduction to Psychology*	<input type="checkbox"/> EDUC 4632 Educational Technology
<input type="checkbox"/> —3 Humanities Elective (VIA)	<input type="checkbox"/> MATH 3713 Linear Algebra
<input type="checkbox"/> MATH 2235 Calculus I* 18-19	<input type="checkbox"/> MATH 3213 College Geometry
<hr/>	<input type="checkbox"/> —3 Upper Level MATH Elective 15
<input type="checkbox"/> Life Science	<input type="checkbox"/> EDUC 4043 Strategies for Effective Teaching
<input type="checkbox"/> —3 Humanities Elective (VIB)	<input type="checkbox"/> EDUC 4611 Field Experience III
<input type="checkbox"/> MATH 2245 Calculus II*	<input type="checkbox"/> MATH 3813 Modern Algebra
<input type="checkbox"/> SPAN 1115 Elementary Spanish I 16-17	<input type="checkbox"/> MATH 4923 Perspectives in Mathematics
<hr/>	<input type="checkbox"/> MATH 4913 Meth Teach Sec Math OR MATH —3 Req Upper Level Elective
<input type="checkbox"/> HIST 1483 American History to 1877 OR HIST 1493 American History since 1877	<input type="checkbox"/> CMPSC 1113 Computer Programming I 16
<input type="checkbox"/> MATH 2343 Calculus III*	<hr/>
<input type="checkbox"/> CIS 1113 Computer Applications	<input type="checkbox"/> EDUC 4262 Student Teaching Seminar
<input type="checkbox"/> Supporting Elective	<input type="checkbox"/> EDUC 4975 Supervised Student Teaching
<input type="checkbox"/> Supporting Elective 17-18	<input type="checkbox"/> EDUC 4975 Supervised Student Teaching 12
<hr/>	<hr/>
Total Credit Hours 67-70	Total Credit Hours 60
* please see chart on second page for course equivalencies	

Total Credit Hours Taken: 127 - 130

Total Credit Hours Applied to BS Degree: 124

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Bachelor of Science—Mathematics Teacher Certification

Course Equivalency Table

Eastern Oklahoma State College	East Central University
MATH 1513 College Algebra	MATH 1513 College Algebra
MATH 1513 Trigonometry	MATH 1713 Trigonometry
MATH 2235 Calculus I	MATH 2825 Calculus and Analytic Geometry I
MATH 2245 Calculus II**	MATH 3025 Calculus and Analytic Geometry II
MATH 2343 Calculus III**	MATH 3033 Calculus and Analytic Geometry III
PSY 1113 Introduction to Psychology	PSYCH 1113 General Psychology
SPCH 1113 Fundamentals of Speech	COMM 1113 Fundamentals of Speech

Articulated using EOSC's A.S. in Mathematics.

General Education equivalencies can be found by referring to either the Oklahoma State Regents Transfer Matrix or the ECU Transfer Matrix. Both matrices can be found at www.ecok.edu by clicking on *Academics* and scrolling down to *Course Transfer Matrix*.

Articulated with Professional Educations as the minor. This minor is required by the Teacher Certification Program, please see an advisor for appropriate courses.

**Will transfer as course content but not for upper level credit: Student should meet with an ECU advisor

NOTES:

A student transferring with an Associate degree in Arts or Science from EOSC fulfills ECU's general education requirement by transferring his or her credit to East Central University. Transferring credit for general education does not eliminate or otherwise affect any of the following ECU requirements: (1) prerequisites; (2) specific requirements in majors, minors or related work in these areas; or (3) the requirements for teacher certification.

A student must earn at least 40 semester hours in upper-division courses (numbered 3000 or higher). A course taught at EOSC may equate in content to an ECU 3000-4000 level course, but it will not be counted as part of the 40 hours of upper level courses.

A student must earn at least 60 semester hours, excluding physical activity courses, at a baccalaureate degree granting institution.

SERVICE LEARNING GRADUATION REQUIREMENT

Effective Fall 2007, first-time transfer students starting at East Central University, who have completed **less than 64 hours**, will be required to do at least 30 hours of service learning by completing at least **two** service learning designated classes prior to their graduation. Those students transferring to ECU who have completed **64 or more hours** will be required to do only 15 hours of service learning by completing at least **one** service learning designated course.