Articulation Agreement

BACHELOR OF SCIENCE: MATHEMATICS

Teacher Certification
Catalog Year 2018 - 2019

Eastern Oklahoma State College	East Central University

Associate of Science—Mathematics

- ENGL 1113 Freshman Composition I
- MATH 1513 College Algebra*
- MATH 1613 Trigonometry*
- OLS 1111 Orientation and Library Science
- POL SC 1113 American Fed Government
- SPCH 1113 Fundamentals of Speech   **16 hrs.**

- ENGL 1213 Freshman Composition II
- MATH 2235 Calculus I*
- PSY 1113 Introduction to Psychology
- ⁓4 hrs. Physical Science
- —3 hrs. Humanities (VI A)   **18 hrs.**

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- MATH 2245 Calculus II * <
- SPAN 1115 Elementary Spanish
- ⁓4 hrs. Life Science
- —3 hrs. Humanities   Elective (VIA)   **15 hrs.**

- CIS 1113 Computer Applications
- HIST 1483 American History to 1877 **OR**
      HIST 1493 American History since 1877
- MATH 2343 Calculus III * <
- ⁓3 hrs. Supporting Elective
- —3 hrs. Supporting Elective   **15 hrs.**

Total Credit Hours   **64 hrs.**

*Please see chart on second page for course equivalencies

Bachelor of Science—Mathematics

- EDUC 2012 Foundations of Education
- EDUC 2211 Field Experience I
- EDUC 2402 Survey of Exceptional Children
- PSYCH 3463 Child and Adolescent Psychology
- MATH 1223 Intro to Probability and Statistics
- EDUC 2631 Foundations of Educational Technology
- MATH 3093 Intro to Theorem Proving/Number
      Theory
- MATH 4915 Meth Teach Sec Math **OR** 3 hrs.
      Required Upper Level Elective   **18-20 hrs.**

- EDPSY 3513 Educational Psychology
- EDUC 3001 Field Experience II
- EDUC 4632 Educational Technology
- MATH 3213 College Geometry
- MATH 3713 Linear Algebra
- —3 hrs. Upper Level MATH Elective   **15 hrs.**

- CMPSC 1113 Computer Programming I
- EDUC 4043 Strategies for Effective Teaching
- EDUC 4611 Field Experience III
- MATH 3813 Modern Algebra
- MATH 4915 Meth Teach Sec Math **OR** 3 hrs.
      Required Upper Level Elective
- MATH 4923 Perspectives in Math   **16-18 hrs.**
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- EDUC 4262 Student Teaching Seminar I
- EDUC 4282 Student Teaching Seminar II
- EDUC 4974 Supervised Student Teaching
- EDUC 4974 Supervised Student Teach   **12 hrs.**

Total Credit Hours   **63 hrs.**

YOUR FUTURE - YOUR CHOICE

Course Equivalency Table

Eastern Oklahoma State College	East Central University
MATH 1513 College Algebra	MATH 1513 College Algebra
MATH 1613 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

< Will transfer as course content but not for upper level credit: Student should meet with an ECU advisor for more information.

NOTES:

⇒ Articulated using EOSC's A.S. for Life Science and without a Minor. A Minor is not required.

⇒ 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. 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 *Admissions* and scrolling down to *Course Transfer Matrix.*

⇒ 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.

⇒ A Student must earn at least 124 credit hours that apply to an ECU Bachelor's degree.