

**Transfer
with
Ease**

Articulation Agreement

BACHELOR OF SCIENCE: MATHEMATICS

Teacher Certification Catalog Year 2020 - 2021

Seminole State College

East Central University

Secondary Education—Math Teacher Emphasis

- CAP 1103 Introduction to Microsoft Office
- ENG 1113 Composition I
- HPER 1012 Wellness and Human Development
- MATH 1513 Pre-Calculus*(Eng.—Physics)
- PSY 1113 General Psychology*
- STSC 1002 Learning Strategies 16 hrs.

- ENG 1213 Composition II
- MATH 1613 Plane Trigonometry*
- MATH 2215 Calculus and Analytic Geometry I*
- —3 hrs. Language
- —3 hrs. Humanities Elective 17 hrs.

- GOV 1113 American National Government
- MATH 2424 Calculus and Analytic Geometry II * <
- SPCH 1143 Speech*-
- ~4 hrs. Life Science Elective w/Lab
- —3 hrs. Humanities Elective 17 hrs.

- HIST 1483 American History To 1877 OR HIST 1493 American History Since 1877
- MATH 2434 Calculus and Analytic Geometry III * <
- PSY 2023 Developmental Psychology*
- ~4 Physical Science w/Lab 14 hrs.

Total Credit Hours 69 hrs.

Courses Below completed at Seminole State through ECU and hours counted in the ECU Total Credit hours.

- EDUC 2012 Diversity in American Education
- EDUC 2211 Field Experience I
- EDUC 2631 Foundations of Educational Technology

* Please, see chart on second page for course equivalencies

Bachelor of Science—Mathematics

- MATH 1223 Intro to Probability and Statistics
- MATH 3093 Intro to Theorem Prov. & No. Theory
- MATH 4915 Meth Teach Sec Math OR 3 hrs. Upper Level Math Elective 14 hrs.
- —3 hrs. Elective

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

- EDUC 4043 Strategies for Effective Teaching
- EDUC 4611 Field Experience III
- MATH 3813 Modern Algebra
- MATH 4923 Perspectives in Mathematics
- MATH 4915 Meth Teach Sec Math
- —4 hrs. Elective 19 hrs.

- EDUC 4262 Student Teaching Seminar I
- EDUC 4282 Student Teaching Seminar II
- EDUC 4974 Supervised Student Teaching
- EDUC 4974 Supervised Student Teach 12 hrs.

→ **Hours completed at Seminole State** 5 hrs.

Total Credit Hours 65 hrs.



YOUR FUTURE - YOUR CHOICE



Course Equivalency Table

Seminole State College	East Central University
CS 2013 Programming in C++	CMPSC 1113 Computer Programming I
MATH 1513 Pre-Calculus	MATH 1513 College Algebra
MATH 1613 Plane Trigonometry	MATH 1713 Trigonometry
MATH 2215 Calculus and Analytic Geometry I	MATH 2825 Calculus and Analytic Geometry I
MATH 2424 Calculus and Analytic Geometry II<	MATH 3025 Calculus and Analytic Geometry II
MATH 2434 Calculus and Analytic Geometry III<	MATH 3033 Calculus and Analytic Geometry III
PSY 1113 General Psychology	PSYCH 1113 General Psychology
PSY 2023 Developmental Psychology	PSYCH 3463 Child and Adolescent Psychology
SPECH 1143 Speech	COMM 1113 Fundamentals of Human Communication

NOTES:

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

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

- ⇒ A student transferring with an Associate degree in Arts or Science from SSC 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 SSC 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.