

**Transfer  
with  
Ease**

# Articulation Agreement

## BACHELOR OF SCIENCE: MATHEMATICS

### Applied/Pre-Actuary Catalog Year 2021-2022

#### Seminole State College

#### East Central University

##### Associate in Arts in Liberal Studies—Math Emphasis

- CAP 1103 Introduction to Microsoft Office
- ENG 1113 Composition I
- GOV 1113 American National Government
- HPER 1012 Wellness and Human Development
- MATH 1513 Pre-Calculus\* (Eng.-Physics)
- STSC 1002 Learning Strategies 15 hrs.
  
- ENG 1213 Composition II
- MATH 1613 Plane Trigonometry\*
- MATH 2215 Calculus and Analytic Geometry I\*
- —4 Physical Science Elective w/Lab 15 hrs.
  
- BA 2113 Macroeconomics\*
- CS 2013 Programming in C ++\*
- MATH 2424 Calculus and Analytic Geometry II \* <
- SPCH 1143 Speech
- —3 Humanities Elective 16 hrs.
  
- BA 2223 Principles of Business Finance\*
- HIST 1483 American History Survey To 1877 OR  
HIST 1493 American History Survey Since 1877
- MATH 2434 Calculus and Analytic Geometry III \* <
- MATH 2533 Differential Equations
- —4 Life Science Elective w/Lab 17 hrs.

**Total Credit Hours** 63 hrs.

\* Please, see chart on second page  
for course equivalencies

##### Bachelor of Science—Mathematics

- ACCT 2103 Financial Accounting
- Choose One: CPSMA 3913, 3933, OR 4413
- ENG 3183 Technical and Professional Writing
- MATH 1223 Intro to Probability and Statistics
- MIS 1903 Computer Business App. 15 hrs.
  
- FIN 3913 Principles of Insurance
- MATH 3713 Linear Algebra
- MATH 3513 Mathematical Statistics OR  
MATH 3583 Applied Statistics
- MIS 3433 Management Information Systems
- MATH 4113 Differential Equations 15 hrs.
  
- Choose One: CPSMA 3913, 3933, OR 4413
- ECON 2013 Principles of Microeconomics
- MATH 4923 Perspectives in Mathematics
- —6 hrs. Upper Level: MATH, CMPSC, MIS, MGMT,  
MKTG, BUSLW, OR FIN 15 hrs.
  
- MATH 3513 Mathematical Statistics OR  
MATH 3583 Applied Statistics
- —3 Upper Level: MATH, CMPSC, MIS, MGMT,  
MKTG, BUSLW, OR FIN
- —3 hrs. Upper Level Elective
- —3 hrs. Upper Level Elective
- —4 hrs. Elective 16 hrs.

**Total Credit Hours** 61 hrs.



**YOUR FUTURE - YOUR CHOICE**



# Course Equivalency Table

| Seminole State College                         | East Central University                       |
|--|---|
| BA 2113 Macroeconomics                         | ECON 2003 Principles of Macroeconomic         |
| BA 2223 Principles of Business Finance *       | FIN 3113 Financial Management                 |
| 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  |
| MATH 2533 Differential Equations <             | MATH 4113 Differential Equations              |
| 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](http://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.