

**Transfer  
with  
Ease**

# Articulation Agreement

## BACHELOR OF SCIENCE: CARTOGRAPHY

### Geotechniques Concentration Catalog Year 2022 - 2023

#### Seminole State College

#### East Central University

##### Associate in Science—Biology

- HPER 1012 Wellness and Human Development
- ENG 1113 Composition I
- MATH 1503 Elementary Statistics
- PHYS 1214 Earth Science\*
- SPCH 1143 Speech
- STSC 1002 Learning Strategies 16 hrs.
  
- CAP 1103 Introduction to Microsoft Office
- ENG 1213 Composition II
- GOV 1113 American National Government
- ---4 hrs. Life Science Elective w/Lab
- ---3 hrs. Humanities Elective 16 hrs.
  
- BA 2253 Business Statistics\*
- CS 2013 Programming in C++
- GEOG 1123 World Regional Geography\*
- ---3 hrs. Major Field
- ---3 hrs. Foreign Lang. (Not Sign Lang) 15 hrs.
  
- HIST 1483 American History To 1877 OR HIST 1493 American History Since 1877
- ---3 hrs. Humanities Elective
- ---3 hrs. Major Field
- ---3 hrs. Major Field
- ---3 hrs. Major Field 15 hrs.

**Total Credit Hours** 62 hrs.

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

##### Bachelor of Science - Cartography

- CARTO 2253 Elements of Cartography
- ENG 3783 Technical & Professional Writing OR  
ENG 3193 Persuasive Writing and Logic
- GEOG 1113 Elements of Human Geography
- ---3 hrs. Lower or Upper Level Elective
- ---3 hrs. Lower or Upper Level Elective 15 hrs.
  
- CARTO 2713 Elements of Data Collection and Field Studies
- CARTO 3613 Advanced Cartography
- ---3 hrs. Required CARTO/GEO/GESOC Elective
- ---3 hrs. Upper Level Elective
- ---4 hrs. Upper Level Elective 16 hrs.
  
- Summer Semester**
- CARTO 4943 Internship 3 hrs.
  
- GECAR 3233 Geospatial Research Design & Analysis
- CARTO 3753 Aerial Photography & Remote Sensing
- CARTO 3953 Intro to Geographic Info Systems
- ---3 hrs. Required CARTO/GEO/GESOC Upper Level Elective (if Internship Not Taken)
- ---3 hrs. Upper Level Elect 12-15 hrs.
  
- CARTO 4753 Advanced Remote Sensing
- CARTO 4953 Advanced Geographic Info Systems
- GECAR 4653 Senior Project
- ---3 hrs. Upper Level Elective
- ---4 hrs. Upper Level Elective 12 hrs.

**Total Credit Hours** 62 hrs.



**YOUR FUTURE - YOUR CHOICE**



# Course Equivalency Table

Seminole State College	East Central University
BA 2253 Business Statistics	BSEC 2603 Business and Economic Statistics
CAP 1103 Intro to Microsoft Office	CMPS 1513 Computer Literacy
CS 2013 Programming in C++	CMPS 1113 Computer Programming I
GEOG 1123 World Regional Geography	GEOG 2513 World Regional Geography
PHYS 1214 Earth Science	GEOG 1214 Earth Science

## NOTES:

- ⇒ Articulated using SSC'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 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.