

**Transfer  
with  
Ease**

# Articulation Agreement

## BACHELOR OF SCIENCE: CARTOGRAPHY

### Geotechniques Concentration Catalog Year 2018 - 2019

#### Eastern Oklahoma State College

#### East Central University

##### Associate of Arts - General Studies

- ENGL 1113 Freshman Composition I
- HIST 1483 American History to 1877  
OR HIST 1493 American History since 1877
- MATH 1513 College Algebra\* OR MATH 1503 Survey of Math (**MATH 1513 Recommended**)
- OLS 1111 Orientation and Library Science
- POL SCI 1113 American Federal Government
- SPCH 1113 Fundamentals of Speech OR SPCH 2233 Business & Professional Speaking **16 hrs.**
  
- ENGL 1213 Freshman Composition II
- GEOG 2723 Regional World Geography \*
- PHYSC 1214 Earth Science\*
- —3 hrs. Statistics Course\*
- —3 hrs. Major Field Elective **16 hrs.**
  
- CIS 1113 Computer Applications\*
- ---3 hrs. Humanities Elective (VIA)
- ---4 hrs. Life Science Elective
- —3 hrs. Major Field Elective
- —2 hrs. General Education Elective **15 hrs.**
  
- ---3 hrs. Humanities Elective (IVB)
- —3 hrs. Foreign Language Course\*
- —3 hrs. Major Field Elective
- —3 hrs. Major Field Elective
- —1-3 hrs. Major Field Elective **15 hrs.**

**Total Credit Hours 62 hrs.**

\*Please see chart on second page for course equivalencies

##### Bachelor of Arts—Cartography

- CARTO 2253 Elements of Cartography
- CARTO 3953 Intro to Geographic Information Systems
- CMPSC 1113 Computer Programming
- GEOG 1113 Elements of Human Geography
- —3 hrs. Minor or Upper Level Elective **15 hrs.**
  
- CARTO 2713 Elements of Data Collection and Field Studies
- CARTO 3613 Advanced Cartography
- CARTO 4953 Advanced Geographic Information Systems
- —3 hrs. Required CARTO/GEO/GESOC Elective
- —4 hrs. Minor or Upper Level Elective **16 hrs.**
  
- Summer Semester - Recommended**
- CARTO 4943 Internship **3 hrs.**
  
- CARTO 3753 Aerial Photography & Remote Sensing
- ENG 3183 Technical & Professional Writing OR ENG 3193 Persuasive Writing & Logic
- GECAR 3233 Geospatial Research Design & Analysis
- ---3 hrs. Required CARTO/GEO/GESOC Upper Level Elective (**If Internship Not Taken**)
- —4 hrs. Minor or Upper Level Elect **13-16 hrs.**
  
- CARTO 4753 Advanced Remote Sensing
- GECAR 4653 Senior Project
- —3 hrs. Minor or Upper Level Elective
- —3 hrs. Minor or Upper Level Elective
- —3 hrs. Minor or Upper Level Elective **15 hrs.**

**Total Credit Hours 62**



**YOUR FUTURE - YOUR CHOICE**



## Course Equivalency Table

Eastern Oklahoma State College	East Central University
GEOG 2723 Regional World Geography	GEOG 2513 World Regional Geography
MATH 1513 College Algebra	MATH 1513 College Algebra
PHYSC 1214 Earth Science	GEOG 1214 Earth Science
Statistics Course	Statistics Requirement

### 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](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 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.