

**Transfer  
with  
Ease**

# Articulation Agreement

## BACHELOR OF SCIENCE: CARTOGRAPHY

### Geography Concentration Catalog Year 2018 - 2019

#### Murray State College

#### East Central University

##### Associate in Science—General Studies

- CIS 1113 Computer Applications\*
- COL 1211 Success Strategies
- ENG 1113 English Comp I
- HST 1483 U.S. History Survey To 1877 OR HST 1493 U.S. History Survey Since 1877
- ---3 hrs. SPA or ASL Course\*
- ---3 hrs. Humanities Elective 16 hrs.
  
- GEO 1113 Intro into Geography\*
- ENG 1213 English Comp II
- MTH 1513 College Algebra\*
- ---4 hrs. Science w/ Lab Elective
- ---3 hrs. Art Elective 16 hrs.
  
- SCI 2224 Earth, Space, & Environmental Science\*
- ---3 hrs. Liberal Arts Elective
- ---3 hrs. Statistics course\*
- ---3 hrs. Elective
- ---3 hrs. Program Elective 16 hrs.
  
- GEO 1223 Economic Geography \* <
- GVT 1113 American Federal Government
- HWP 1112 Personal Health
- ---7 hrs. Program Elective 15 hrs.

**Total Credit Hours** 63 hrs.

\* Please see chart on second page for course equivalencies

##### Bachelor of Science—Cartography

- CARTO 2253 Elements of Cartography
- GEOG 3223 Geography in Oklahoma
- ---3 hrs. Required Upper Level Elective (CARTO/ GEO/GESOC)
- ---3 hrs. Upper Level Minor or Elective
- ---4 hrs. Upper Level Minor or Elective 16 hrs.
  
- CARTO 2713 Elements Data Collection/Field Studies
- GEOG 3213 Conservation of Natural Resources OR 3 hrs. Required Upper Level Elective (CARTO/ GEO/GESOC)
- ---3 hrs. Minor or Elective
- ---3 hrs. Minor or Elective
- ---3 hrs. Minor or Elective 15 hrs.

##### May Intersession

- GEOG 3613 Field Studies in Regional Geography 3 hrs.
  
- GECAR 3233 Geospatial Research Design & Analysis
- ENG 3183 Technical & Professional Writing OR ENG 3193 Persuasive Writing and Logic
- ---3 hrs. Upper Level Minor or Elective
- ---3 hrs. Upper Level Minor or Elective
- ---3 hrs. Upper Level Minor or Elective 15 hrs.
  
- GECAR 4653 Senior Capstone Project
- GEOG 3213 Conservation of Natural Resources OR 3 hrs. Required Upper Level Elective (CARTO/ GEO/GESOC)
- ---3 hrs. Upper Level Minor or Elective
- ---3 hrs. Upper Level Minor or Elective 12 hrs.

**Total Credit Hours** 61 hrs.



**YOUR FUTURE - YOUR CHOICE**



# Course Equivalency Table

Murray State College	East Central University
CIS 1113 Computer Applications	CMPSC 1513 Computer Literacy
GEO 1113 Into to Geography	GEOG 1113 Elements of Human Geography
GEO 1223 Economic Geography <	GEOG 3323 Economic Geography
GEO 2513 World Regional Geography	GEOG 2513 World Regional Geography
SCI 2224 Earth, Space, & Environmental Science	GEOG 1214 Earth Science
Statistics Course	Statistics Requirement
SPA or ASL Course	Three-hour elementary language requirement

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

## NOTES:

- ⇒ Articulated using MSC'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 MSC 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 MSC 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.