

**EAST CENTRAL UNIVERSITY
CARTOGRAPHY - B.S.
GEOGRAPHY CONCENTRATION
0481/UG16**

Advisor _____

Student's Name _____ ID No. _____

DEGREE CHECK INCLUDES CURRENT ENROLLMENT

Checked by _____ Date _____
 Required:
 124 total hours _____ completed
 30 hrs @ ECU _____ completed
 (15 of last 30 must be at ECU) _____
 60 hrs @ Sr College _____ completed
 40 hrs upper level _____ completed
 HS Curricular Req ___ met ___ not met

Work in progress _____
 2.0 minimum required in the following areas:
 ECU Avg _____ Rtn Avg _____
 Major Overall Avg _____
 Major ECU Avg _____
 Minor Overall Avg _____

Work lacking:
 Major _____ (inc A/C and Related Work)
 Minor _____ (incl Rel Wk)
 Prof Educ _____
 General Educ _____
 Comp Prof ___ met ___ not met

REQUIREMENTS

HOURS

I. General Education (44 HOURS)

16 hours (CMPSC 1113 OR 1513, GEOG 1113, GEOG 1214, GEOG 2513 and one of the following: FREN 1113, GER 1113, LATIN 1113, RUSS 1113, or SPAN 1113) counted in the Major

Other hours needed **28**
 Includes recommended math course - MATH 1413

II. Major in Cartography

40-42

A. Required General Education 10

- ___ GEOG 1113 Elements of Human Geography
- ___ GEOG 1214 Earth Science
- ___ GEOG 2513 World Regional Geography

B. Required in the Cartography Core 12

- ___ CARTO 2253 Elements of Cartography
- ___ CARTO 2713 Elem of Data Collection and Field Stu
- ___ GECAR 3233 Geospatial Research Design and Analysis
- ___ GECAR 4653 Senior Capstone Projects

C. Required for Concentration in Geography 12-14

- ___ GEOG 3213 Conservation of Natural Resources
- ___ GEOG 3223 Geography in Oklahoma
- ___ GEOG 3323 Economic Geography
- ___ GEOG 3613-5 Field Studies in Regional Geography

D. Required Electives 6

Upper level courses in CARTO/GECAR/GEOG/GESOC

REQUIREMENTS

HOURS

III. Related Work

12

A. Required General Education

6

- ___ CMPSC 1113 Computer Programming I **OR**
- ___ CMPSC 1513 Computer Literacy

One three hour elementary language (C3 General Education) course

B. Required Related Work

6

One of the following:

- ___ ENG 3183 Technical & Professional Writing
- ___ ENG 3193 Persuasive Writing & Logic

One of the following:

- ___ BSEC 2603 Business and Economic Statistics
- ___ EHS 3703 Biostatistics
- ___ MATH 2213 Intro to Probability & Statistics
- ___ PSYCH 3833 Behavioral Science Statistics
- ___ SOC 3833 Statistics for Social Sciences

IV. Minor (Not Required)

V. Electives

42-44

Recommended courses from the following programs: CARTO, GEOG, BIOL, CMPSC, MATH, EHS and MIS. Student must take an adequate number of upper level courses to meet the 40 hour upper level requirement.

VI. Total Hours Required

124

VII. Special Requirements

“Teachers” or “methods” courses do not count in the major.

The OSRHE computer proficiency graduation requirement will be met through completion of CMPSC 1113 or CMPSC 1513 (including equated or substituted courses), **OR** successful completion of an associate of arts or associate of science degree at an Oklahoma two-year college in which the computer skills requirement was met. Satisfaction of this requirement may not reduce or remove any program requirements.

MINOR
