Minor in Geography

Why study geography?
We an undergraduate minor with two options, which augment other fields of study and broaden career opportunities: General Geography or Geographical Information Science (GIS). A minor in Atmospheric Science is also available from the Department. You should carefully consider which minor best meets your academic goals before choosing one.

Minor in Geography - General Geography Option:
Students take 18 hours of Geography courses with at least 12 hours from courses numbered 300 or above. Students must have a minimum grade point average of 2.0 in courses taken for the minor.

Minor in Geography - Geographic Information Science (GIS) Option:
The minor requires GEOG 111, GEOG 316, and GEOG 358. Three additional courses from the geographic information science group (at 300 or above), and a minimum grade point average of 2.0 in the courses taken for the minor.

Requirements for the Minor in Geography
The department offers 2 minor options. The first is a general minor in geography. The second is specifically designed to give students a background in geoinformatics. Students should carefully consider which minor best meets their academic goals before choosing one.

Geography General Option
Students selecting this minor must complete 6 GEOG courses (18 hours), 12 hours of which must be taken at the 300 level or above.

Geoinformatics
Maps and Mapping/computers, Maps, and Geographical Analysis.
Satisfied by:
GEOG 111 Mapping Our Changing World 4
Methods of Analyzing Geographical Data. Satisfied by:
GEOG 316 Methods of Analyzing Geographical Data 4
Principles of Geographic Information Systems. Satisfied by:
GEOG 358 Principles of Geographic Information Systems 4
Three additional courses from Geoinformatics group 300-level or above from the list below:
GEOG 311 Introductory Cartography and Geovisualization 4
GEOG 319 Topics in Techniques: _____ 1-3
GEOG 360 Computer Programming for Mapping and Spatial Analysis 3
GEOG 458 Geographical Information Systems: _____ 1-6
GEOG 512 Advanced Cartography and Geovisualization 4
GEOG 516 Applied Multivariate Analysis in Geography 3
GEOG 526 Remote Sensing of Environment I 4
GEOG 528 Spatial Databases 3
GEOG 558 Intermediate Geographical Information Systems 4
GEOG 560 GIS Application Programming 3
GEOG 648 Location Modeling 3
GEOG 658 Topics in Geospatial Technologies: _____ 1-6
GEOG 711 Advanced Topics in Geovisualization: _____ 4

Geography Minor Hours & Minor GPA
While completing all required courses, minors must also meet each of the following hour and GPA minimum standards:

Minor Hours
Satisfied by 21 hours of minor courses.

Minor Hours in Residence
Satisfied by a minimum of 9 hours of KU resident credit in the minor.

Minor Junior/Senior (300+) Hours
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the minor.

Minor Graduation GPA
Satisfied by a minimum of a 2.0 KU GPA in all departmental courses in the minor. GPA calculations include all departmental courses in the field of study including F's and repeated courses. See the Semester/ Cumulative GPA Calculator (http://clas.ku.edu/undergrad/tools/gpa).