

## Minor in Geography

Students minoring in Geography will complete a minimum of 15 credits as follows:

1. GIS 3015C and 12 additional credits in geography beyond the minimum requirements for the major;
2. Within the 12 credits, a minimum of 6 credits with a GEA or GEO prefix at the 4000 level;
3. The remaining 6 credits from all department course listings with ESC, EVR, MET, GEA, or GEO prefixes.

## Minor in Geographic Information Science

Students minoring in Geographic Information Science will complete a minimum of 15 credits with a grade of "C" or better in each course. Required courses are:

Introduction to Mapping and GIS	GIS 3015C	3
Principles of GIS	GIS 4043C	3

*With an additional 9 credits from this list:*

Spatial Data Analysis	GEO 4167C	3
Remote Sensing of the Environment	GIS 4035C	3
Digital Image Analysis	GIS 4037C	3
Applications in GIS	GIS 4048C	3
Programming in GIS	GIS 4102C	3
Geovisualization and GIS	GIS 4138C	3

## Minor in Geology

Students minoring in geology will complete a minimum of 15 credits as follows:

1. GLY 2010 and 2010L and 12 additional credits in geology beyond the minimum requirements for the major;
2. Within the 12 credits, a minimum of 6 credits with a GLY prefix at the 4000 level;
3. The remaining 6 credits from all department course offerings with ESC, EVR, or GLY prefixes.