

**REQUIREMENTS FOR THE MINOR**  
**COLLEGE OF ATMOSPHERIC AND GEOGRAPHIC SCIENCES**  
**THE UNIVERSITY OF OKLAHOMA**

**GENERAL REQUIREMENTS**

Minimum Total Hours . . . . . 15

Minor in:  
**Geospatial Information**  
**Science**  
**N480**

**The requirements for a minor must be completed concurrently with the major degree requirements.  
 No minor may be added by completing courses after receiving the bachelor's degree.**

**REQUIRED COURSES**

**GIS 2023**, Spatial Thinking & GIS Visualization (*required*) 3

12 additional hours to be chosen from the following courses.  
 At least 9 of these 12 hours must be completed at the upper  
 division (3000+) level:

- GIS 2013, Introduction to Geoinformatics
- GIS 3013, GIS Principles & Applications
- GIS 3923, Introduction to Statistics for Geoinformatics
- GIS 4453, GIS & Spatial Analysis
- GIS 4653, GIS & Spatial Programming
- GIS 4970, Special Topics

GIS	3
GIS	3
GIS	3
GIS	3

**A minimum 2.00 GPA is required in all work presented for minor credit.**

The successful completion of a minor will be entered on the student's permanent record at the time the degree is recorded.

8/1/12