

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

Academic Year	General Requirements	Program
For Students Entering the Oklahoma State System for Higher Education Summer 2024 through Spring 2025	Minimum Total Credit Hours 15	Geographic Information Systems N462 Minor

Minimum Total Credit Hours: 15

Program Code: N462

- 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

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

Required Courses

Code	Title	Credit Hours
Required Course		
GIS 2023	Introduction to Spatial Thinking and Computer Mapping	3
Electives		
Choose 12 hours, with at least 9 hours at the upper division (3000+) level, from the following:		12
GEOG 1113	The Language of Maps	
GEOG 4023	Geography of Health and Disease	
GEOG 4183	Patterns and Processes in Landscape Ecology	
GIS 1313	Computers and Programs for Environmental Professionals	
GIS 3003	Computer Cartography and Geovisualization	
GIS 4013	Fundamentals of Geographic Information Systems	
GIS 4133	Fundamentals of Remote Sensing	
GIS 4173	Drones and Remote Sensing	
GIS 4233	Digital Image Processing	
GIS 4243	Remote Sensing Applications	
GIS 4253	GIS Applications	
GIS 4453	Advanced GIS and Spatial Analysis	
GIS 4553	Advanced Remote Sensing	
GIS 4653	Spatial Programming and GIS	
GIS 4833	Environmental Spatial Modeling	
GIS 4923	Spatial Statistics	
GIS 4970	Special Topics/Seminar	
Total Credit Hours		15

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

More information in the catalog: (<http://ou-public.courseleaf.com/atmospheric-geographic-sciences/geography-environmental-sustainability/geographic-information-systems-minor/>).