

# GEOGRAPHY & GEOGRAPHIC INFORMATION SCIENCE MINOR

## for the Minor in Geography & GIS

**department website:** <https://ggis.illinois.edu/>  
**department faculty:** Geography & GIS Faculty (<https://ggis.illinois.edu/directory/faculty/>)  
**overview of college admissions & requirements:** Liberal Arts & Sciences (<http://catalog.illinois.edu/schools/las/academic-units/>)  
**college website:** <https://las.illinois.edu/>  
**email:** [geography@illinois.edu](mailto:geography@illinois.edu)

The minor in Geography and GIS will expose students to a comprehensive selection of courses embracing our three broad areas of study: human geography, physical/environmental geography, and geographic information science. Students select 6 hours at the 100 level, then 3 hours each from the human, physical/environmental, and geospatial sub-disciplines (as listed below), and then 3 additional hours from any of the three sub-disciplines for a total of 18 credits. At least 6 hours total must be at the 300 or 400 level.

Code	Title	Hours
Two courses selected from the following:		6
ATMS/GEOG 100	Introduction to Meteorology	
GEOG 101	Global Development&Environment	
GEOG 103	Earth's Physical Systems	
GEOG 104	Social and Cultural Geography	
GEOG 105	The Digital Earth	
GEOG 106	Geographies of Globalization	
GEOG 221	Geographies of Global Conflict	
One course in human geography, selected from the following:		3
GEOG 204	Cities of the World	
GEOG 205	Business Location Decisions	
GEOG 224	Environmental Data Science	
GEOG 254	American People, Places, & Environments	
GEOG 350	Sustainability and the City	
GEOG 356	Sustainable Development in South Asia	
GEOG 384	Population Geography	
GEOG 405	Geography Field Course	
GEOG 410	Green Development	
GEOG 438	Geography of Health Care	
GEOG 455	Geog of Sub-Saharn Africa	
GEOG 465	Transportation & Sustainability	
GEOG 466	Environmental Policy	
GEOG 471	Recent Trends in Geog Thought	
GEOG 483	Urban Geography	
GEOG 484	Cities, Crime, and Space	
One course in physical/environmental geography, selected from the following:		3
GEOG 210	Social & Environmental Issues	
GEOG 222	Big Rivers of the World	

ESE 320	Water Planet, Water Crisis	
NRES/GEOG 401	Watershed Hydrology	
GEOG 405	Geography Field Course	
GEOG 406	Fluvial Geomorphology	
GEOG 408	Humans and River Systems	
GEOG 412	Geospatial Tech & Society	
GEOG 459	Ecohydraulics	
GEOG 496	Climate & Social Vulnerability	
One course in geographic information science, selected from the following:		3
GEOG 371	Spatial Analysis	
GEOG 379	Intro to GIS Systems	
GEOG 380	GIS II: Spatial Prob Solving	
GEOG 412	Geospatial Tech & Society	
GEOG 440	Business Applications of GIS	
PATH 439	Health Applications of GIS	
GEOG 460	Aerial Photo Analysis	
GEOG 468	Biological Modeling	
GEOG 473	Digital Cartography & Map Design	
GEOG 476	Applied GIS to Environ Studies	
GEOG 477	Introduction to Remote Sensing	
GEOG 478	Techniques of Remote Sensing	
GEOG 479	Advanced Topics in GIS	
GEOG 480	Principles of GIS	
One 200-400 level course selected from any of the above.		3
<b>Total Hours</b>		<b>18</b>

At least 6 hours total must be at the 300 or 400 level.