

GEOGRAPHY & GEOGRAPHIC INFORMATION SCIENCE: PHYSICAL GEOGRAPHY, BSLAS

for the degree of Bachelor of Science in Liberal Arts & Sciences: Major in Geography & Geographic Information Science, Physical Geography Concentration

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A Major Plan of Study Form must be completed and submitted to the LAS Student Affairs Office by the beginning of the fifth semester (60-75 hours).

Departmental distinction: Students majoring in Geography can earn distinction, high distinction, and highest distinction upon graduation. The requirements for these awards are:

- For distinction: 3.3 GPA overall; 3.3 GPA in GIS courses.
- For high distinction: 3.3 GPA overall; 3.75 GPA in GIS courses.
- For highest distinction: 3.3 GPA overall; 3.75 GPA in GIS courses; satisfactorily complete an independent project (GIS 391).

Students should consult their advisors regarding distinction requirements as soon as they enter the major (no later than the end of their junior year).

General education: Students must complete the Campus General Education (<https://courses.illinois.edu/>) requirements including the campus general education language requirement.

Minimum required major and supporting course work: a minimum of 40 upper-division hours. Twelve (12) hours of 300- and 400-level courses in the major must be taken on this campus.

Geography & GIS Core Requirements

Code	Title	Hours
Total Core Hours		10-16
Select one of the following three(3) courses:		3-4
GGIS/ATMS 100	Introduction to Meteorology	
GGIS 103	Earth's Physical Systems	
GGIS 222	Big Rivers of the World	
Select one of the following six (6) courses:		3-4
GGIS 101	Global Development & Environment	
GGIS 104	Social and Cultural Geography	
GGIS 105	The Digital Earth	
GGIS 106	Geographies of Globalization	
GGIS 210	Social & Environmental Issues	
GGIS 221	Geographies of Global Conflict	
GIS Core (2) courses:		4-8
(Only students pursuing the Geographic Information Science Concentration are required to take both GGIS 371 and GGIS 379.)		
GGIS 371	Spatial Analysis	
GGIS 379	Introduction to Geographic Information Systems	

Physical Geography Concentration Requirements:

Code	Title	Hours
Total Concentration Hours		25-27
200- to 400-level Geography and Geographic Information Science courses (at least 6 hours of which must be at the 300- or 400-level) selected from the following:		
GGIS 220	Landscapes, Ecosystems and Environmental Change: Science and Management	
GGIS 222	Big Rivers of the World	
GGIS 224	Environmental Data Science	
GGIS 280	Intro to Social Statistics	

GGIS 370/ESE 320	Water Planet, Water Crisis
GGIS 371	Spatial Analysis
GGIS 379	Introduction to Geographic Information Systems
GGIS 380	Spatial Problem Solving
GGIS 390	Independent Study
GGIS 391	Honors Independent Study
GGIS/NRES 401	Watershed Hydrology
GGIS 403	Geographic Information Science and Systems
GGIS 405	Geography Field Course
GGIS 406	Fluvial Geomorphology
GGIS 407	Foundations of CyberGIS & Geospatial Data Science
GGIS 408	Humans and River Systems
GGIS/ATMS 421	Earth Systems Modeling
GGIS 436/IB 439	Biogeography
GGIS 459	Ecohydraulics
GGIS 460	Aerial Photo Analysis
GGIS 468	Biological Modeling
GGIS 473	Digital Cartography & Map Design
GGIS 476	Applied GIS to Environ Studies
GGIS 477	Introduction to Remote Sensing
GGIS 478	Techniques of Remote Sensing
Total Hours required for graduation	120

Undergraduate Degree Programs in Geography & Geographic Information Science

For the Degree of Bachelor of Science in Liberal Arts and Sciences

- Major in Computer Science & Geography & GIS, BSLAS (http://catalog.illinois.edu/undergraduate/eng_las/computer-science-geography-geographic-information-science-bslas/)
- Major in Geography & Geographic Information Science, Geographic Information Science Concentration, BSLAS (<http://catalog.illinois.edu/undergraduate/las/geography-geographic-information-science-bslas/geographic-information-science/>)
- Major in Geography & Geographic Information Science, Physical Geography Concentration, BSLAS (p. 1)

For the Degree of Bachelor of Arts in Liberal Arts and Sciences

- Major in Geography & Geographic Information Science, General Geography Concentration, BALAS (<http://catalog.illinois.edu/undergraduate/las/geography-geographic-information-science-balas/general-geography/>)
- Major in Geography & Geographic Information Science, Human Geography Concentration, BALAS (<http://catalog.illinois.edu/undergraduate/las/geography-geographic-information-science-balas/human-geography/>)

for the degree of Bachelor of Science in Liberal Arts & Sciences: Major in Geography & Geographic Information Science, Physical Geography Concentration

Geography & Geographic Information Science

Geography & Geographic Information Science website (<https://ggis.illinois.edu/>)

address

phone

email

Geography & GIS Faculty (<https://ggis.illinois.edu/directory/faculty/>)

College of Liberal Arts & Sciences

LAS College website (<https://las.illinois.edu/>)

Advising

email

Geography & GIS advising (<https://ggis.illinois.edu/academics/undergraduate/advising/>)

Admissions

Liberal Arts & Sciences Admissions & Requirements (<http://catalog.illinois.edu/schools/las/academic-units/>)

University of Illinois Undergrad Admissions (<https://www.admissions.illinois.edu/>)