GEOGRAPHY & GEOGRAPHIC INFORMATION SCIENCE: HUMAN GEOGRAPHY, BALAS

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

A Bachelor of Arts in Geography & Geographic Information Science, with the Human Geography concentration, prepares students to explore the social science aspect of modern geography. The curriculum includes the systematic study of human social organization and its environmental consequences.

Employment opportunities for human geographers include urban and regional planning, transportation, marketing, real estate, tourism, and international business.

Departmental distinction: Students majoring in Geography & Geographic Information Science (GGIS) can earn distinction, high distinction, and highest distinction upon graduation. The requirements for these awards are:

- Distinction: 3.3 GPA overall; 3.3 GPA in GGIS courses.
- High distinction: 3.3 GPA overall; 3.75 GPA in GGIS courses.
- Highest distinction: 3.3 GPA overall; 3.75 GPA in GGIS courses; satisfactorily complete an honors independent project (GGIS 391).

Please visit our department website (https://ggis.illinois.edu/academics/undergraduate-programs/distinction-and-departmental-awards/) for more distinction information and consult with a GGIS advisor about it as soon as you join the major (no later than the end of junior year).

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Graduation Requirements

Minimum hours required for graduation: 120 hours
Minimum required major and supporting coursework: A minimum of 35 credit hours of Geography & Geographic Information Science courses. Twelve (12) hours of 300- and 400-level courses in the major must be taken on this campus.

University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree, including courses outside of GGIS. Students should consult their academic advisor for additional guidance in fulfilling this requirement. The university and residency requirements can be found in the Student Code (https://studentcode.illinois.edu/article3/part8/3-801/) (§ 3-801) and in the Academic Catalog (http://catalog.illinois.edu/general-information/degree-general-education-requirements/).

General Education Requirements

Follows the campus General Education (Gen Ed) requirements (https://courses.illinois.edu/gened/DEFAULT/DEFAULT/). Some Gen Ed requirements may be met by courses required and/or electives in the program.

Code	Title	Hours
General Education Requirements		
Composition I		4-6
Advanced Composition		3
Humanities & the Arts (6 hours)		6
Natural Sciences & Technology (6 hours)		6
Social & Behavioral Sciences (6 hours)		6
fulfilled by GGIS 101 or GGIS 104 or GGIS 106 or GGIS 210 or GGIS 221 or GGIS 254 and any other course approved as Social & Behavioral Sciences		
Cultural Studies: Non-Western Cultures (1 course)		3
Cultural Studies: US Minority Cultures (1 course)		3
Cultural Studies: Western/Comparative Cultures (1 course)		3
Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)		6-10
Language Requirement (Completion of the fourth semester or equivalent of a language other than English, or completion of the third semester in two different languages other than English is required)		0-20

Code	Title	Hours
Orientation and Professional Development		
LAS 101	Design Your First Year Experience	1
OR		
LAS 100 & LAS 101	Success in LAS for International Students and Design Your First Year Experience	3
OR		
LAS 102	Transfer Advantage	1

Major Requirements

Code	Title	Hours
Geography & GIS Core Requirements		**10-12**
Physical Geography Course (Select one):		
ATMS/GGIS 100	Introduction to Meteorology	
GGIS 103	Earth's Physical Systems	
GGIS 220	Landscapes, Ecosystems and Environmental Change	
GGIS 222	Big Rivers of the World	
Human Geography Course (Select one):		
GGIS 101	Global Development & Environment	
GGIS 104	Social and Cultural Geography	
GGIS 106	Geographies of Globalization	
GGIS 210	Social & Environmental Issues	
GGIS 221	Geographies of Global Conflict	
GGIS 254	People, Places, and Environments of the US	
GIS Course (Select one):		
GGIS 371	Spatial Analysis	
GGIS 379	Introduction to Geographic Information Systems	

Code	Title	Hours
Human Geography Concentration Requirements		**25-27**
Selected from the following (at least 6 hours must be at the 300- or 400- level):		
GGIS 204	Cities of the World	
GGIS 205	Business Location Decisions	
GGIS 210	Social & Environmental Issues (if not taken to satisfy the Human Geography Core requirement in the major)	
GGIS 220	Landscapes, Ecosystems and Environmental Change (if not taken to satisfy the Physical Geography Core requirement in the major)	
GGIS 221	Geographies of Global Conflict (if not taken to satisfy the Human Geography Core requirement in the major)	
GGIS 223	Geopolitics & Technology	
GGIS 224	Environmental Data Science	
GGIS 254	People, Places, and Environments of the US (if not taken to satisfy the Human Geography Core requirement in the major)	
SOC/GGIS 280	Intro to Social Statistics	
NRES/GGIS 287	Environment and Society	
GGIS 350	Sustainability and the City	
ESE 320/GGIS 370	Water Planet, Water Crisis	
GGIS 371	Spatial Analysis (if not taken to satisfy the GIS Core Course requirement in the major)	
GGIS 379	Introduction to Geographic Information Systems (if not taken to satisfy the GIS Core Course requirement in the major)	
GGIS 380	Geographic Information Systems II	
GGIS 381	Enterprise GIS	
GGIS 384	Population Geography	
GGIS 390	Independent Study	
GGIS 391	Honors Independent Study	
GGIS 403	Geographic Information Science and Systems	
GGIS 405	Geography Field Course	
GGIS 407	CyberGIS & Geospatial Data Science	
GGIS 410	Green Development	
GGIS 412	Geospatial Technologies & Society	
GGIS 425	Urban Geographies of Migration	
LA 427	Amer Vernacular Cultural Land	
GGIS 438	Geography of Health Care	
GGIS 439	Health Applications of GIS	
LA/GGIS 446	Sustainable Planning Seminar	
GGIS 455	Geography of Sub-Saharan Africa	
GGIS 460	Aerial Photo Analysis	
GGIS 465	Transportation &Sustainability	
GGIS 466	Environmental Policy	
GGIS 471	Modern Geographic Thought	
GGIS 473	Digital Cartography & Map Design	
GGIS 476	Environmental Remote Sensing	
GGIS 477	Introduction to Remote Sensing	
GGIS 478	Techniques of Remote Sensing	
GGIS 479	Advanced Topics in GIS	
GGIS 480	Principles of Geographic Information Science	
ESE/GGIS 482	Challenges of Sustainability	
GGIS 483	Urban Geography	
GGIS 489	Programming for GIS	
GGIS 495	Advanced Topics in Geography	
GGIS 496	Climate & Social Vulnerability	

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Sample Sequence

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a fourth level of a language other than English. See the corresponding section on the Degree and General Education Requirements page *(*http://catalog.illinois.edu/general-information/degree-general-education-requirements/*).*

First Year

First Semester

Requirements	Hours
LAS 101 - Design Your First Year Experience	1
Human Geography Core course	3
Composition I or General Education course	4
Language Other Than English (3rd level)	4
General Education course	3
Semester Hours	**15**

Second Semester

Requirements	Hours
Physical Geography Core course	4
General Education course	3
General Education course or Composition I	3
Language Other Than English (4th level)	4
Semester Hours	**14**

Second Year

First Semester

Requirements	Hours
Human Geography Concentration course	3

Human Geography Concentration course	3
General Education course	3
General Education course	3
Free Elective course	3
Semester Hours	**15**

Second Semester

Requirements	Hours
Human Geography Concentration course	3
Human Geography Concentration course	3
General Education course	3
General Education course	3
Free Elective course	3
Semester Hours	**15**

Third Year

First Semester

Requirements	Hours
Human Geography Concentration course	3
GGIS 379 - Introduction to Geographic Information Systems or GGIS 371 - Spatial Analysis	4
General Education course	3
Free Elective course	3
Free Elective course	3
Semester Hours	**16**

Second Semester

Requirements	Hours
Human Geography Concentration course	3
Human Geography Concentration course	3
General Education course	3
Free Elective course	3
Free Elective course	3
Semester Hours	**15**

Fourth Year

First Semester

Requirements	Hours
Human Geography Concentration course	4
General Education course	3
Free Elective course	3
Free Elective course	3
Free Elective course	3
Semester Hours	**16**

Second Semester

Requirements	Hours
General Education course	3
Free Elective course	3
Free Elective course	3
Free Elective course	3
Free Elective course	2
Semester Hours	**14**

Total Hours

Total hours for all requirements: 120

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Geographic Understanding

GGIS students will understand the interconnectedness of places and scales in human-environmental systems, including the sustainability of those systems.

Spatial Patterns and Processes

GGIS students will be able to analyze spatial patterns, distributions, processes, and connections within and among different human-environmental systems, using qualitative, quantitative, computational, and/or spatial methods of research appropriate to their level of training and their field of geographic inquiry.

Problem-Solving and Communication

GGIS students will be able to formulate and conduct geographic analyses and communicate the results in verbal, written, and visual form.

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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 (http://catalog.illinois.edu/undergraduate/las/geography-geographic-information-science-bslas/physical-geography/)

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 (p. 1)

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Department of Geography & Geographic Information Science (https://ggis.illinois.edu/)

Faculty directory (https://ggis.illinois.edu/directory/faculty/)
Undergraduate advising (https://ggis.illinois.edu/academics/undergraduate/advising/)

College of Liberal Arts & Sciences

College of LAS homepage (https://las.illinois.edu/)
Admissions & Requirements (http://catalog.illinois.edu/schools/las/academic-units/)

Admissions

University of Illinois Urbana-Champaign Undergrad Admissions (https://www.admissions.illinois.edu/)