PHYSICAL GEOGRAPHY
CONCENTRATION

For the Degree of Bachelor of Arts in Liberal Arts and Sciences
Major in Sciences and Letters Curriculum

E-mail: geograph@illinois.edu

Minimum of at least 35 hours of Geography and Geographic Information Science courses are required for the major.

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

Twelve hours of 300- and 400-level courses in the major must be taken on this campus.

A Major Plan of Study Form must be completed and submitted to the LAS Student Affairs Office before the end of the fifth semester (60-75 hours). Please see your advisor.

Minimum hours required for graduation: 120 hours

Departmental distinction. All students majoring in Geography and Geographic Information Science who have maintained a University grade point average of 3.25 and who satisfactorily complete an independent project (GEOG 391) in their senior year will be eligible to graduate with distinction. Students should consult their advisors regarding distinction requirements as soon as they enter the major (no later than the end of their junior year).

Geography and Geographic Information Science Core Requirements:

Select one of the following: 1

3-4

ATMS 100 Introduction to Meteorology
GEOG 103 Earth's Physical Systems
GEOG 222 Big Rivers of the World

Select one of the following: 3-4

GEOG 101 Global Development & Environment
GEOG 104 Social and Cultural Geography
GEOG 105 The Digital Earth
GEOG 106 Geographies of Globalization
GEOG 110
GEOG 210 Social & Environmental Issues

Choose one of the following: 4

GEOG 371 Spatial Analysis
GEOG 379 Intro to GIS Systems

Physical Geography Concentration Requirements:

200- to 400-level Geography and Geographic Information Science courses (of which at least 6 hours must be at the 300 or 400 level) selected from the following:

GEOG 210 Social & Environmental Issues
GEOG 222 Big Rivers of the World
ESE 320/Water Planet, Water Crisis
GEOG 370

NRES/ Environment and Society
GEOG 287
GEOG 371 Spatial Analysis
GEOG 373 Spring Field Course
GEOG 381 Environmental Perspectives
GEOG 390 Individual Study
GEOG 391 Honors Individual Study
NRES/ Watershed Hydrology
GEOG 401
GEOG 406 Fluvial Geomorphology
GEOG 408 Humans and River Systems
GEOG 412 Geospatial Tech & Society
ATMS/ Earth Systems Modeling
GEOG 421
IB 439/ Biogeography
GEOG 436
GEOG 460 Aerial Photo Analysis
GEOG 468 Biological Modeling
GEOG 471 Recent Trends in Geog Thought
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 481 Intl Environ Cooperation
MATH 220 Calculus 4-5
or MATH 221 Calculus I
PHYS 101 College Physics: Mech & Heat 4-5
or PHYS 211 University Physics: Mechanics
Select one of the following: 4

CHEM 102 General Chemistry I
& CHEM 103 General Chemistry Lab I
CHEM 104 General Chemistry II
& CHEM 105 General Chemistry Lab II

Total Hours 47-53

1 Students in the Physical Geography Concentration may fulfill the core by completing ATMS 100 and GEOG 103 and one of the five courses: GEOG 101, GEOG 104, GEOG 105, GEOG 106 and GEOG 110, with GEOG 371 or GEOG 379 not required.