

Undergraduate Geography

Degrees Available at SIUE

- Bachelor of Arts in Geography
- Bachelor of Science in Geography
 - Secondary Education Teacher Licensure Program

Geography at SIUE

Students who are curious about the world around them, interested in the environment, sustainability, culture and technology should consider majoring in geography at SIUE. Geography is more than learning to read maps and memorize state capitals. The Department of Geography in the College of Arts and Sciences offers a variety of courses in human, physical, and regional geography, as well as geospatial techniques. Our faculty conduct research on a wide variety of topics at the local, regional and global scale. Majoring in geography prepares students for careers in a wide range of fields.

Career Opportunities

A variety of career opportunities await graduates with a degree in geography from SIUE. We offer the only geography program in the St. Louis metropolitan area and as such, our graduates are in demand for positions in the region's growing geo-spatial workforce. Employers include federal and state government agencies; national security contractors; tech companies; engineering firms; utility companies; local and regional governments; agricultural companies; and environmental non-profit organizations. Our geography graduates work as geospatial analysts, cartographers, imagery analysts, urban planners, retail location analysts, climate scientists, resource managers, sustainability consultants, and park rangers.

Hands-On Learning

Students at the undergraduate and graduate levels have the opportunity to work closely with our diverse faculty on current research projects and are encouraged to gain professional experience through internships. Faculty members specialize in human geography, physical geography, and geographic techniques such as cartography, GIS and remote sensing. They are also engaged in research that impacts the local community and beyond.

Global Experience

A major in geography exposes students to international issues and perspectives. In addition to regional courses in Africa, Asia, Europe and Latin America, geography majors study issues of global concern, including topics such as climate change, economic development and international migration. Students in the geography program are encouraged to pursue study abroad and internship experiences that broaden their understanding of the world. These experiences can be incorporated into their degree program.



SIUE

College of Arts and Sciences
Department of Geography

Faculty

Gillian Acheson, PhD
Cultural Geography,
Geography Education

Susan E. Hume, PhD
Ethnicity and Race,
Migration, Urban
Geography

Alan W. Black, PhD
Climatology, Climate
Change, Atmospheric
Hazards

Adriana Martinez, PhD
Fluvial Geomorphology,
GIS

Stacey Brown, PhD
Medical Geography, GIS

Francis Odemerho, PhD
Geomorphology, Africa

Michael Grossman, PhD
Hydrology, Physical
Geology and Geography

Randall Pearson, PhD
Remote Sensing, GIS,
Physical Geography

James Hanlon, PhD
Urban, Cultural and
Historical Geography

Wendy Shaw, PhD
Social and Cultural
Geography, Development

**Mark L. Hildebrandt,
PhD**
Meteorology and
Climatology

Michael Shouse, PhD
Biogeography,
Biogeomorphology, GIS

Shunfu Hu, PhD
GIS, Remote Sensing,
Physical Geography

Bin Zhou, PhD
Economic Geography, Asia
and China

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

COLLEGE OF ARTS & SCIENCES

Sample Four-Year Curriculum

Sample four-year curriculum shown below for the Bachelor of Science in Geography.

	Fall Semester	Spring Semester
Year 1	ENG 101 Composition 3 ESCI 111 Intro to Physical Geology & Geography (BPS, EL) (recommended) 3 RA 101 Reasoning & Argumentation 3 ACS 101 or 103 Oral Expression 3 Breadth Fine & Performing Arts (BFPA) 3 Total Credits 15	GEOG 201 World Regions (BSS, EGC) 3 ENG 102 Composition 3 Breadth Life Science (BLS) 3 MATH 120, 125, 130 or 150 (BPS) 3 QR 101, MATH 150 or Higher 3 Total Credits 15
Year 2	GEOG 210 Physical Geography (BPS) 3 Breadth Humanities (BHUM) 3 Health Experience (EH) 3 Elective 3 Elective 3 Total Credits 15	GEOG 205 Human Geography (BSS, EL) 3 GEOG 321 Quantitative Techniques (BICS, EL) 3 Experience United States Cultures (EUSC) 3 Minor or AOS 3 Minor or AOS 3 Total Credits 15
Year 3	GEOG 320 Cartography 3 Human Geography Requirement 3 Minor or AOS 3 Elective 3 Elective 3 Total Credits 15	Human Geography Requirement 3 Interdisciplinary Studies (IS) 3 Minor or AOS 3 Minor or AOS 3 Elective 3 Total Credits 15
Year 4	Physical Geography Requirement 3 Physical Geography Requirement 3 Physical Geography Requirement 3 Minor or AOS 3 Elective 3 Total Credits 15	Geography Techniques Requirement 3 GEOG 499 Senior Project 3 Elective 3 Elective 3 Elective 3 Total Credits 15

Transfer Students To maximize your transfer experience, complete the **bolded** courses/requirements pre-transfer **AND** satisfy either the Illinois Articulation Initiative (IAI) General Ed Core or receive an AA, AS, or AAT (early childhood, special ed or math) degree from an IAI community college. If 'Minor' requirements are shown, discuss careful course selection with the academic advising contact listed. Transfer Credit Equivalency Guides are located at siue.edu/transfer.

Admission Requirements

To declare a major in geography, students must satisfy the following requirements:

- Complete all Academic Development courses required by the University.
- Complete any required courses to address high school deficiencies.
- Achieve a cumulative grade point average (GPA) of at least 2.0 in courses completed at SIUE.

Graduation Requirements

- Complete all specific program requirements
 - A minimum grade of C is required in courses completed for the major
- Complete all University requirements, including:
 - All general education requirements
 - A minimum of 120 credit hours
 - At least 30 of which must be completed at SIUE
 - At least 60 of which must be completed at a regionally accredited 4-year institution
 - A minimum cumulative grade point average (GPA) of 2.0 on a 4.0 scale
 - Bachelor of Arts only: a two-semester sequence of the same foreign language
- File an Application for Graduation by the first day of the term in which you plan to graduate

Notes

In order to be admitted into the teacher certification program, students must have:

- Received a grade of C or above in **ENG 101** and **ENG 102**.
- Completed 43 semester hours of course credit and have a cumulative grade point average (GPA) of 2.5 or higher on a 4.0 scale (this includes work at other institutions).
- Successfully completed the introductory course **CI 200**.
- Passed the Illinois Licensure Testing System (ILTS) Test of Academic Proficiency (formerly known as the Basic Skills Test.)
To learn more about the test, visit www.icts.nesinc.com.

Teacher licensure in Geography requires the completion of the Strong Social Sciences Minor: **ANTH 111b, SOC 111, ECON 111, ECON 112, HIST 112a, HIST 112b, HIST 120, HIST 323, POLS 111, POLS 112, POLS 300** (or 342, 370, 340).

Contact Information

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 College of Arts and Sciences
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