

GEOGRAPHY

College of Arts and Sciences • Department of Geography

Degrees Available at SIUE

- Bachelor of Arts
- Bachelor of Science
- Secondary Education Teacher Certification Program is available
- Minor

Why Geography?

Are you curious about places? Can you adapt to rapid technological change? Are you interested in connections between people and the environment? The Association of American Geographers suggests that students who answer “yes” to these questions are a good fit for the study of geography — “the science of where.”

College-level geography is more than memorizing state capitals. Geographers use their expertise to determine where to build a highway or a high rise. By understanding the complex relationship between humans and their environment, geographers help cities build more thoughtfully and economically. By using and developing global positioning systems, geographers can create more reliable maps to help rescue workers and the military, and to help protect the earth’s resources.

Geography at SIUE

A degree in geography from SIUE offers students a broad, liberal arts education touching on all aspects of geography.

SIUE’s geography program is the fourth largest in Illinois and the only one in a 100-mile radius. It is energized by diverse faculty who are engaged in competitive research with specializations in human geography, physical geography, geographic technology, and environmental geography. Students have access to the department’s modern, well-equipped spatial analysis laboratory.

Students are assigned a faculty advisor with whom they work closely throughout their studies. Students in the program are given opportunities to present research findings at state, regional and national conferences. Faculty also help students to secure internships with various private and public organizations in southwestern Illinois and the St. Louis metropolitan area. These internships provide opportunities for independent projects and can lead to jobs.

Career Outlook

Graduates with geography degrees are in high demand due to the highly desirable computer, research and analytical skills they bring to a variety of job settings.

Graduates can find employment as cartographers in city and county planning offices; as forestry technicians with departments of natural resources and soil conservation, as park rangers or hazardous waste planners; as geographic system specialists with the National Geospatial-Intelligence Agency (formerly Defense Mapping); as market researchers, traffic managers or property appraisers in industry. Due to the increased use of global positioning satellites launched by government and private industry, the demand for geographers who can decipher and distill the information is rapidly increasing.

Admission 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 of at least 2.0 in courses completed at SIUE.

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**Faculty****Professors**

Randall S. Pearson (Chair), Ph.D.

1993, Indiana State University

Wendy Shaw (Associate Dean), Ph.D.

1994, University of Georgia

Michael J. Starr, Ph.D.

1997, University of California, Los Angeles

Bin Zhou, Ph.D.

1994, University of Georgia

Associate Professors

Gillian Acheson, Ph.D.

2003, Texas A&M University

Michael J. Grossman, Ph.D.

2003, University of Wisconsin, Madison

Mark L. Hildebrandt, Ph.D.

1999, Arizona State University

Shunfu Hu, Ph.D.

1998, University of Georgia

Francis O. Odemerho, Ph.D.

1982, Clark University

Assistant Professors

James A. Hanlon, Ph.D.

2008, University of Kentucky

Susan E. Hume, Ph.D.

2005, University of Oregon

Elizabeth M. Walton, Ph.D.

2009, University of North Carolina

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

COLLEGE OF ARTS & SCIENCES

Sample Four-Year Curriculum - BS

	FALL	SPRING
YEAR 1	ENG 101 Composition (3) ESCI 111 Intro to Physical Geology & Geography (INSM) (recom) (3) MATH 106 or PHIL 106 (3) SPC 103 Interpersonal Communication (IGR) (3) Introductory Fine Arts & Humanities (3) Total 15	GEOG 201 World Regions (IC) (3) ENG 102 Composition (3) Introductory Social Sciences (3) MATH 120, 125, 130 or 150 (INSM) (3) STAT 107 or CMIS 108 (3) Total 15
YEAR 2	GEOG 210 Physical Geography (3) Introductory Fine Arts & Humanities or Intro Social Sciences (3) Distribution Fine Arts & Humanities (3) Distribution Natural Sciences & Mathematics (3) Elective (3) Total 15	GEOG 205 Human Geography (3) GEOG 321 Quantitative Techniques (3) Distribution Social Sciences (3) Minor or AOS (6) Total 15
YEAR 3	GEOG 320 - Cartography (3) Human Geography Requirement (3) Minor or AOS (3) Electives (6) Total 15	Human Geography Requirement (3) Regional Geography Requirement (3) Minor or AOS (3) Minor or AOS (3) Electives (6) Total 18
YEAR 4	Physical Geography Requirement (3) Physical Geography Requirement (3) Interdisciplinary Studies (IS) (3) Minor or AOS (3) Electives (4) Total 16	Geography Techniques Requirement (3) GEOG 499 Senior Project (3) Electives (9) Total 15

TRANSFER STUDENTS Maximize your transfer experience - complete the **bolded** courses/requirements pre-transfer **AND** satisfy 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/

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 of 2.5 or higher (this includes work at other institutions)
- Successfully completed the introductory course **CI 200**
- **Passed the ICTS Basic Skills Test.** Information about this test is available at www.icts.nesinc.com

Teacher Certification in Geography requires the completion of the Strong Social Sciences Minor: **ANTH 111B, SOC 111, ECON 111, ECON 112, HIST 112A, HIST 112B, HIST 130, HIST 323, POLS 111, POLS 112, POLS 300** (or 342, 370, 340)

BA degree requires two semesters of same foreign language.

Exit Requirements

- Complete all specific program requirements.
- Complete all University requirements including:
 - All general education requirements
 - A minimum of 124 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 of 2.0
 - Bachelor of Arts only: one year of the same foreign language
 - File an Application for Graduation by the first day of the term in which you plan to graduate.

Application Deadline

Please refer to SIUE's undergraduate application deadlines.

Academic Advising Information

Brian Hinterscher, College of Arts and Sciences Undergraduate Advising
 SIUE, Campus Box 1609, Edwardsville, IL 62026-1609
 618.650.5525, jeharri@siue.edu

Contact Info

Department of Geography
 SIUE, Campus Box 1459, Edwardsville, IL 62026-1459
 618.650.2090, www.siue.edu/GEOGRAPHY