

Name:

Student ID: 800Date:

SIUE Department of Geography & GIS: Requirements for a Major in Geography

General Information: The major in Geography is 36 credit hours. Students must earn a 'C' or better in all of their geography courses. Geography majors must have either a minor in another field or an Area of Specialization (AOS). The AOS is 18 additional credit hours (Geography courses cannot count for both the major and an AOS. The AOS must be developed in consultation with a Geography faculty member.

Advising Information: All new Geography majors must meet with Dr. Susan Hume (Phone: 618-650-2091 / Email: shume@siue.edu) before the end of their first semester as a declared major. CAS Advising (Phone 618-650-5525 / Email: casadvising@siue.edu) will provide students with registration PINs and track progress toward graduation. Students are strongly encouraged to meet with any Geography faculty member for mentoring, career/internship advice, and AOS and Senior Assignment advising during their undergraduate career.

Major Requirements:

Core Courses (15 credit hours)

<input type="checkbox"/> GEOG201: World Regions	<input type="checkbox"/> GEOG320: Cartography
<input type="checkbox"/> GEOG205: Human Geography	<input type="checkbox"/> GEOG321: Quantitative Techniques
<input type="checkbox"/> GEOG210: Physical Geography	

Upper Level Sub-Discipline Electives (18 credit hours)

Human Geography Electives (2 courses required; Prerequisite: GEOG205)

<input type="checkbox"/> GEOG300: Population Geography	<input type="checkbox"/> GEOG404: Medical Geography
<input type="checkbox"/> GEOG301: Economic Geography	<input type="checkbox"/> GEOG405: Geography of Food
<input type="checkbox"/> GEOG303: Introduction to Urban Geography	<input type="checkbox"/> GEOG406: Political Geography
<input type="checkbox"/> GEOG401: Development	<input type="checkbox"/> GEOG407: Spatial Thinking & Behavior
<input type="checkbox"/> GEOG402: The Cultural Landscape	<input type="checkbox"/> GEOG451: Topics in Human Geography
<input type="checkbox"/> GEOG403: Advanced Urban Geography	

Physical Geography Electives (2 courses required; Prerequisite: GEOG210)

<input type="checkbox"/> GEOG311: Atmospheric Hazards	<input type="checkbox"/> GEOG412: Groundwater Hydrology
<input type="checkbox"/> GEOG314: Climatology	<input type="checkbox"/> GEOG414: Floods
<input type="checkbox"/> GEOG315: Geomorphology	<input type="checkbox"/> GEOG415: Animal Geography
<input type="checkbox"/> GEOG316: Biogeography	<input type="checkbox"/> GEOG416: Conservation Biogeography
<input type="checkbox"/> GEOG408: Snow & Ice Processes	<input type="checkbox"/> GEOG417: River Landscapes
<input type="checkbox"/> GEOG409: Weather Forecasting	<input type="checkbox"/> GEOG429: Storm Chasing
<input type="checkbox"/> GEOG410: Soils	<input type="checkbox"/> GEOG430: Global Climate Change
<input type="checkbox"/> GEOG411: Hydrology	<input type="checkbox"/> GEOG452: Topics in Physical Geography

Regional Geography Electives (1 course required; Prerequisite: GEOG201)

<input type="checkbox"/> GEOG330: Europe	<input type="checkbox"/> GEOG334: Latin America
<input type="checkbox"/> GEOG331: CIS	<input type="checkbox"/> GEOG335: North America
<input type="checkbox"/> GEOG332: Africa	<input type="checkbox"/> GEOG453: Topics in Regional Geography
<input type="checkbox"/> GEOG333: Asia	

Techniques Electives (1 course required; Prerequisite: GEOG320)

<input type="checkbox"/> GEOG322: Air Photo Interpretation	<input type="checkbox"/> GEOG423: Computer Mapping
<input type="checkbox"/> GEOG418: GIS	<input type="checkbox"/> GEOG424: Vector GIS
<input type="checkbox"/> GEOG419: Thematic Cartography	<input type="checkbox"/> GEOG425: Raster GIS
<input type="checkbox"/> GEOG420: Interactive & Animated Cartography	<input type="checkbox"/> GEOG431: Web-based Online Mapping
<input type="checkbox"/> GEOG421: Digital Elevation Modeling	<input type="checkbox"/> GEOG432: Python Scripting
<input type="checkbox"/> GEOG422: Remote Sensing	<input type="checkbox"/> GEOG454: Topics in Techniques

Senior Assignment (3 credit hours; Prerequisite: GEOG321 and Senior Standing)

<input type="checkbox"/> GEOG499: Senior Assignment Senior Assignment (SA) spans two semesters; register only once in your second-to-last semester.
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Minor or Area of Specialization: Either a minor or an Area of Specialization must be declared. Students who have a double-major do not need to complete a minor or AOS. The AOS worksheet (below) must be completed in consultation with a Geography faculty member (signatures are required).

<u>Minor:</u> I <input type="checkbox"/> have / <input type="checkbox"/> plan to declare a minor in:
<u>AOS:</u> I <input type="checkbox"/> have declared an AOS in consultation with Dr. _____ in the area of:
<u>Double-major:</u> I <input type="checkbox"/> have a second major in:

AOS Worksheet (18 credit hours minimum): None of the AOS courses may be counted toward major requirements.

Course:	Semester:	Credit Hours:	Grade:
1.			
2.			
3.			
4.			
5.			
6.			
7.			

Signatures (required for AOS only)

	Printed name	Signature	Date
Student:			
AOS Faculty Advisor:			
Department Chair			