

BACHELOR OF SCIENCE, MAJOR IN GEOGRAPHY, GEO-SPATIAL INFORMATION SCIENCES

Bachelor of Science, Major in Geography, Geo-spatial Information Sciences

Core Curriculum (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum)

Component Area I (Communication)	6
Component Area II (Mathematics)	3
Component Area III (Life and Physical Science)	8
Component Area IV (Language, Philosophy, and Culture)	3
Component Area V (Creative Arts)	3
Component Area VI (U.S. History)	6
Component Area VII (Political Science/Government)	6
Component Area VIII (Social and Behavioral Sciences)	3
Component Area IX (Component Area Option)	4

Degree Specific Requirements

HIST 1301 & HIST 1302	United States History To 1876 and United States History Sn 1876 ¹	6
MATH 1369	Elementary Statistics	3
PHIL 2303	Critical Thinking (or MATH) ²	3
Select two of the following: ³		8
GEOL 1403	Physical Geology	
GEOL 1404	Historical Geology	
GEOL 1405	Geologic Hazards & Resources	

Major Core

GEOG 2301 or GEOG 3350	Environmental Geography Cultural Geography	3
GEOG 2464	Intro to Geographic Info Sys	4
GEOG 4365	Applied Geographic Info Systems	3
GEOG 2364	Geo-Spatial Technology	3

Major Core - Select two of the following: 6-7

GEOG 1321	People, Place and the Envrnmt	
GEOG 1401	Weather and Climate ³	
GEOG 2355	World Reg Geo-Eur Asia Aust	
GEOG 2356	Reg Geo-Lat Am Africa So Asia	

Advanced Geographic Techniques - Select two of the following: 6-7

GEOG 4333	Field Studies	
GEOG 3362	Map Use & Map Interpretation	
GEOG 3363	Computer Cartography	
GEOG 4361	Geographic Information Systems for Public Health	
GEOG 4468	Remote Sensing	

Applied Cognate - Select one of the following: 3-4

GEOG 3352	Tourism Geography	
GEOG 4331	Conservatn Of Naturl Resources	
GEOG 4351	Economic Geography	
GEOG 4356	Urban Geography	
GEOG 4357	Population Geography	
GEOG 4359	Transportation Geography	
GEOG 4432	Geomorphology	

Major

Advanced Geography Electives	6
Minor (required)	18

Electives ⁴	17-20
Total Hours	120

- ¹ Satisfies Component Area VI.
² PHIL 2303 satisfies Component Area VIII.
³ GEOG 1401, GEOL 1403, GEOL 1404, or GEOL 1405 satisfies the requirement for Component Area III and the degree specific requirement.
⁴ Electives should be used to meet the 120 SCH and 42 advanced hour requirements.

First Year

Fall	Hours Spring	Hours
Major Core Course Selections	6-7 HIST 1301 ²	3
ENGL 1301 ¹	3 MATH 1369	3
Component Area IX (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)	4 PHIL 2303 (or MATH)	3
Component Area II (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaii)	3 ENGL 1302 ¹	3
	POLS 2305 ³	3
	16	15

Second Year

Fall	Hours Spring	Hours
HIST 1302 ²	3 GEOL 1403, 1404, or 1405 ⁴	4
GEOG 2364	3 GEOG 2464	4
POLS 2306 ³	3 Minor	3
GEOL 1403, 1404, or 1405 ⁴	4 Elective ⁵	3
Component Area V (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav)	3	
	16	14

Third Year

Fall	Hours Spring	Hours
GEOG 2301 or 3350	3 GEOG 4365	3
Minor	3 Elective ⁵	3
Component Area IV (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv)	3 Minor	6
Elective ⁵	5 Advanced Geography Elective	3
	14	15

Fourth Year

Fall	Hours Spring	Hours
Component Area VIII (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii)	3 Elective ⁵	6
Elective ⁵	3 Minor	3
Applied Cognate Course	3-4 Advanced Geographic Techniques Course	3-4
Minor	3 Advanced Geography Elective	3
Advanced Geographic Techniques Course	3	
	15	15

Total Hours: 120

- ¹ Satisfies Component Area I.
² Satisfies Component Area VI.
³ Satisfies Component Area VII.

- 4 Satisfies Component Area III.
- 5 Electives should be used to get to 120 SCH.