

BACHELOR OF SCIENCE, MAJOR IN GEOGRAPHY (ENVIRONMENTAL GEOGRAPHY)

Code	Title	Hours
Bachelor of Science, Major in Geography (Environmental Geography)		
Core Curriculum (http://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		
MATH 1369	Elementary Statistics	3
8 hours of Life and Physical Sciences (2 courses beyond the Core Curriculum)		8
MAJOR		
Environmental Geography		10
GEOG 1401	Weather and Climate ¹	
GEOG 3301	Environmental Geography	
GEOG 2320 or GEOG 2341	Sustainability & Environment Physical Geography	
Human Geography - Select one of the following: ²		3
GEOG 1300	People, Place and the Envrnmt	
GEOG 2355	World Reg Geo-Eur Asia Aust	
GEOG 2356	Reg Geo-Lat Am Africa So Asia	
Core of Concentration- Select three of the following:		9-10
GEOG 3310	Sustainable Development	
GEOG 4330	Hydrology and Water Resources	
GEOG 4331	Conservation of Natural Res	
GEOG 4432	Geomorphology	
Geographic Techniques - Select one of the following:		3-4
GEOG 2464	Intro to Geographic Info Sys	
GEOG 4333	Field Studies	
GEOG 4361	Geographic Information Systems for Public Health	
GEOG 4365	Applied Geographic Info Systems	
GEOG 4367	GIS Programming	
GEOG 4468	Remote Sensing	
Advanced Geography Electives		6
Advanced Human Geography Elective ³		6
Advanced Electives ⁴		12
Minor (required)		18
Total Hours		120-122

¹ GEOG 1401 satisfies Component Area III (Life and Physical Sciences) OR can apply to the Degree Specific Requirement

² GEOG 2355 or GEOG 2356 satisfies the Core Curriculum requirement for Component Area IV (Language, Philosophy, and Culture). GEOG 1300 satisfies the Core Curriculum requirement for Component Area VIII.

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³ See, Advanced Human Geography Course list below.

⁴ Electives should be used to satisfy the 120 SCH and the 42 advanced hour requirements.

Code	Title	Hours
Advance Human Geography Elective Courses ³		
GEOG 3350	Cultural Geography	3
GEOG 3352	Tourism Geography	3
GEOG 3359	Regional Geography:US & Canada	3
GEOG 4351	Economic Geography	3
GEOG 4356	Urban Geography	3
GEOG 4357	Population Geography	3

First Year

Fall	Hours	Spring	Hours
Component Area II (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaii)		3 Component Area III (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii)	4
Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)		1 Advanced Electives ⁴	3
GEOG 1300, 2355, or 2356		3 ENGL 1302 ¹	3
ENGL 1301 ¹		3 HIST 1301 ⁵	3
GEOG 1401 ²		4 MATH 1369	3
		14	16

Second Year

Fall	Hours	Spring	Hours
Component Area III (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii)		4 Component Area IV (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiiv)	3
Component Area V (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav)		3 GEOG Techniques Course ⁸	3-4
Major Concentration Core ⁶		3 Life and Physical Science ⁹	4
HIST 1302 ⁵		3 Minor Course	3
POLS 2305 ⁷		3 POLS 2306 ⁷	3
		16	16-17

Third Year

Fall	Hours	Spring	Hours
GEOG 2320 or 2341		3 Component Area VIII (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii)	3
GEOG 3301		3 Advanced Elective ⁴	3
Life and Physical Science ⁹		4 GEOG Advanced Elective	3
Minor Course		6 Major Cooncentration Core ⁶	6-7
		16	15-16

Fourth Year

Fall	Hours	Spring	Hours
Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)		3 Advanced Elective ⁴	3

Advanced Elective ⁴	3 Advanced HUMAN GEOG Elective ¹⁰	3
Advanced HUMAN GEOG Elective ¹⁰	3 GEOG Advanced Elective	3
Minor Course (advanced)	3 Minor Course (advanced)	6
		12
		15

Total Hours: 120-122

- 1 Satisfies Core Curriculum requirement for Component Area I (Communications).
- 2 GEOG 1401 satisfies four semester credit hours of the Core Curriculum requirement for Component Area III OR the degree-specific requirement for Life and Physical Sciences
- 3 HUMAN GEOG Courses: GEOG 1300 GEOG 2355, GEOG 2356. GEOG 1300 also satisfies the Core Curriculum requirement for Component Area VIII. GEOG 2355 and GEOG 2356 satisfy the Core Curriculum requirement for Component Area IV.
- 4 Electives should be used to fulfill the 120 credit-hours and 42 advanced credit-hours requirements.
- 5 Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- 6 GEOG Environmental Concentration Core: GEOG 3310, GEOG 4330, GEOG 4331, GEOG 4432
- 7 Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- 8 See, Geographic Techniques Course listing below.
- 9 8 hours of Life and Physical Sciences (2 courses beyond the Core Curriculum).
- 10 See, Advanced HUMAN geography elective course listing below.

Code	Title	Hours
Geographic Techniques Courses⁸		
GEOG 2464	Intro to Geographic Info Sys	4
GEOG 4333	Field Studies	3
GEOG 4361	Geographic Information Systems for Public Health	3
GEOG 4365	Applied Geographic Info Systems	3
GEOG 4367	GIS Programming	3
GEOG 4468	Remote Sensing	4

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Advance Human Geography Elective Courses¹⁰		
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GEOG 3352	Tourism Geography	3
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GEOG 4356	Urban Geography	3
GEOG 4357	Population Geography	3

The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's **60x30TX plan** and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS in Geography (Environmental Geography) is designed to provide graduates with the following marketable skills:

- Understanding of environmental patterns, problems, forces.
- Environmental modeling.
- GIS & map design and analysis.
- Land use analysis.
- Technical writing.