

# BACHELOR OF ARTS, MAJOR IN GEOGRAPHY (ENVIRONMENT, CULTURE, AND DEVELOPMENT)

**Additional information:** Reference the Program Landing Page (<https://www.shsu.edu/programs/bachelor-degree-in-geography/>) for additional information, such as cost, delivery format, contact information, or to schedule a visit.

Code	Title	Hours
<b>Bachelor of Arts, Major in Geography (Environment, Culture, and Development)</b>		
<b>Core Curriculum</b> ( <a href="https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/">https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/</a> )		
Component Area I (Communication)		6
Component Area II (Mathematics) <sup>1</sup>		3
Component Area III (Life and Physical Science) <sup>2</sup>		8
Component Area IV (Language, Philosophy, and Culture) <sup>3</sup>		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) <sup>4</sup>		3
Component Area IX (Component Area Option)		4
<b>Degree Specific Requirements</b>		
MATH 1342 or STAT 3379	Elementary Statistics <sup>1</sup> Statistical Methods in Practice	3
WOLC 1411 & WOLC 1412	Beginning Foreign Language I and Beginning Foreign Language II	8
WOLC 2311 & WOLC 2312	Intermediate Foreign Language and Intermediate Foreign Language II <sup>3</sup>	6
<b>Major: Foundation</b>		
GEOG 1401	Weather and Climate <sup>2</sup>	4
Introduction or Regional Geography-Select one of the following:		3
GEOG 1300	People, Places, and the Environment <sup>4</sup>	
GEOG 2355	World Regional Geography: Europe, Asia, and Australia <sup>3</sup>	
GEOG 2356	World Regional Geography: Latin America, Africa, South Asia <sup>3</sup>	
GEOG 3359	Regional Geography: the United States and Canada (Can only be taken once)	
Physical Geography-Select one of the following:		3
GEOG 2341	Physical Geography	
GEOL 1403	Physical Geology <sup>2</sup>	
GEOL 1405	Geologic & Environmental Hazards <sup>2</sup>	
GEOG 3301	Environmental Geography (Advanced Environment Core)	3
GEOG 3350	Cultural Geography (Advanced Human Core)	3
GEOG 2464	Introduction to Geographic Information Systems (GIS) (GIS Core)	4
<b>Environment, Culture, and Development Concentration</b>		
Select four of the following Human Geography courses:		12
GEOG 3310	Sustainable Development	
GEOG 3352	Tourism Geography	
GEOG 3359	Regional Geography: the United States and Canada (Can only be taken once)	
GEOG 4351	Economic Geography	
GEOG 4356	Urban Geography	
GEOG 4357	Population Geography	
GEOG 4359	Transportation Geography	
GEOG 4360	Cultural Field Study	
Select four of the following Physical/Environment Geography Courses:		12
GEOG 3320	Sustainability & Environment	

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GEOG 3340	Meteorology	
GEOG 3342	Climatology	
GEOG 4100	Earth and Environment Seminar	
GEOG 4330	Hydrology and Water Resources	
GEOG 4331	Conservation of Natural Resources	
GEOG 4333	Field Studies	
GEOG 4432	Geomorphology	
Select one of the following Advanced Geo-Spatial Technique Courses:		3
GEOG 3363	Computer Cartography	
GEOG 4311	GIS in Law Enforcement	
GEOG 4361	Geographic Information Systems for Public Health	
GEOG 4365	Applied Geographic Information Systems (GIS)	
GEOG 4367	GIS Programming	
GEOG 4468	Remote Sensing	
<b>Major: Prescribed Electives</b>		
GEOG Elective <sup>5</sup>		3
<b>Minor: Required <sup>6,7</sup></b>		<b>18</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup> MATH 1342 satisfies the Core Curriculum requirement for Component Area II (Mathematics).

<sup>2</sup> GEOG 1401, GEOL 1403, or GEOL 1405 satisfies the Core Curriculum requirement for Component Area III (Life and Physical Science).

<sup>3</sup> GEOG 2355, GEOG 2356, WOLC 2311, or WOLC 2312 satisfies the Core Curriculum requirement for Component Area IV (Language, Philosophy, and Culture).

<sup>4</sup> GEOG 1300 satisfies the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

<sup>5</sup> Additional GEOG Electives may be necessary depending on student course selection with Core Curriculum overlap.

<sup>6</sup> 12 semester credit hours of the minor should be used to meet the 42 advanced hours requirement.

<sup>7</sup> All minors can be paired with this degree program.

**Notes**

Students must earn a 2.0 minimum overall GPA in all coursework.

Students must meet a 2.0 minimum overall major GPA in all major coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

Students must meet a 2.0 minimum SHSU major GPA in all major coursework.

**Additional information:** Reference the Program Landing Page (<https://www.shsu.edu/programs/bachelor-degree-in-geography/>) for additional information, such as cost, delivery format, contact information, or to schedule a visit.

**First Year**

Fall	Hours	Spring	Hours
Component Area II ( <a href="https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaii">https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaii</a> ) <sup>1</sup>		3 Component Area III ( <a href="https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii">https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii</a> )	4
Component Area IX ( <a href="https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix">https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix</a> )		1 ENGL 1302 <sup>2</sup>	3
ENGL 1301 <sup>2</sup>		3 HSTY 1301 <sup>4</sup>	3
GEOG 1401 <sup>3</sup>		4 POLS 2305 <sup>5</sup>	3
WOLC 1411		4 Introduction to Regional Geography <sup>6</sup>	3
	<b>15</b>		<b>16</b>

**Second Year**

Fall	Hours	Spring	Hours
Component Area V ( <a href="https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav">https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav</a> )		3 GEOG 2341, GEOL 1403, or GEOL 1405	3
HSTY 1302 <sup>4</sup>		3 GEOG 3301	3
MATH 1342 or STAT 3379		3 GEOG 3350	3
POLS 2306 <sup>5</sup>		3 WOLC 2311 <sup>7</sup>	3
WOLC 1412		4 Minor <sup>8,9</sup>	3
		<b>16</b>	<b>15</b>

**Third Year**

Fall	Hours	Spring	Hours
Component Area VIII ( <a href="https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii">https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii</a> ) <sup>10</sup>		3 Advanced Geo-Spatial Technique Course <sup>11</sup>	3
Component Area IX ( <a href="https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix">https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix</a> )		3 Human Geography <sup>12</sup>	6
GEOG 2464		4 Minor Advanced <sup>8,9</sup>	3
WOLC 2312 <sup>7</sup>		3 Physical and Environmental Geography <sup>13</sup>	3
Minor <sup>8,9</sup>		3	
		<b>16</b>	<b>15</b>

**Fourth Year**

Fall	Hours	Spring	Hours
Human Geography <sup>12</sup>		3 GEOG Elective <sup>14</sup>	3
Minor Advanced <sup>8,9</sup>		6 Human Geography <sup>12</sup>	3
Physical and Environmental Geography <sup>13</sup>		3 Minor Advanced <sup>8,9</sup>	3
		Physical and Environmental Geography <sup>13</sup>	3
		Physical and Environmental Geography <sup>13</sup>	3
		<b>12</b>	<b>15</b>

**Total Hours: 120**

- <sup>1</sup> MATH 1342 satisfies the Core Curriculum requirement for Component Area II (Mathematics).
- <sup>2</sup> Satisfies Core Curriculum requirement for Component Area I (Communication).
- <sup>3</sup> Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).
- <sup>4</sup> Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- <sup>5</sup> Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- <sup>6</sup> Select one from the Introduction or Regional Geography Course list below.
- <sup>7</sup> GEOG 2355, GEOG 2356, WOLC 2311, or WOLC 2312 satisfies the Core Curriculum requirement for Component Area IV (Language, Philosophy, and Culture).
- <sup>8</sup> 12 semester credit hours of the minor should be used to meet the 42 advanced hours requirement.
- <sup>9</sup> All minors can be paired with this degree program.
- <sup>10</sup> GEOG 1300 satisfies the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
- <sup>11</sup> Select one from the below Advanced Geo-Spatial Technique course list .
- <sup>12</sup> Select one from the below Human Geography course list.
- <sup>13</sup> Select one from the below Physical/Environmental course list.
- <sup>14</sup> Additional GEOG electives may be necessary depending on student course selection with Core Curriculum overlap.

Code	Title	Hours
<b>Introduction to Regional Geography Courses<sup>6</sup></b>		
GEOG 1300	People, Places, and the Environment <sup>8</sup>	3
GEOG 2355	World Regional Geography: Europe, Asia, and Australia	3

GEOG 2356	World Regional Geography: Latin America, Africa, South Asia	3
GEOG 3359	Regional Geography: the United States and Canada	3

Code	Title	Hours
<b>Advanced Geo-Spatial Technique Courses <sup>11</sup></b>		
GEOG 3363	Computer Cartography	3
GEOG 4311	GIS in Law Enforcement	3
GEOG 4361	Geographic Information Systems for Public Health	3
GEOG 4365	Applied Geographic Information Systems (GIS)	3
GEOG 4367	GIS Programming	3
GEOG 4468	Remote Sensing	4

Code	Title	Hours
<b>Human Geography Courses <sup>12</sup></b>		
GEOG 3310	Sustainable Development	3
GEOG 3352	Tourism Geography	3
GEOG 3359	Regional Geography: the United States and Canada	3
GEOG 4351	Economic Geography	3
GEOG 4356	Urban Geography	3
GEOG 4357	Population Geography	3
GEOG 4359	Transportation Geography	3
GEOG 4360	Cultural Field Study	3

Code	Title	Hours
<b>Physical/Environment Geography Courses <sup>13</sup></b>		
GEOG 3320	Sustainability & Environment	3
GEOG 3340	Meteorology	3
GEOG 3342	Climatology	3
GEOG 4100	Earth and Environment Seminar	1
GEOG 4330	Hydrology and Water Resources	3
GEOG 4331	Conservation of Natural Resources	3
GEOG 4432	Geomorphology	4
GEOG 4333	Field Studies	3

#### Notes

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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 BA in Geography (Environment, Culture, and Development) is designed to provide graduates with the following marketable skills:

- Use the scientific method to address environmental and human problems.
- Think critically and problem solve.
- Use statistics to evaluate hypotheses.
- Communicate and engage with technical writing.
- Gather, manage, analyze and interpret spatially-referenced data.
- Work with maps, spatially-referenced databases, and a range of geospatial technologies.
- Apply knowledge and awareness of ecosystems and cultural environments in order to address a range of environmental and social issues.