

BACHELOR OF SCIENCE, MAJOR IN GEOGRAPHY (ENVIRONMENTAL GEOGRAPHY)

| Code | Title | Hours |
|---|--|----------------|
| Bachelor of Science, Major in Geography (Environmental Geography) | | |
| 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 | | |
| MATH 1369 | Elementary Statistics | 3 |
| PHIL 2303 | Critical Thinking (or MATH) | 3 |
| or PHIL 3372 | Philosophy of Science | |
| 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 | Sustainability & Environment | |
| or GEOG 2341 | 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 4331 | Conservation of Natural Res | |
| GEOG 4430 | Hydrology and Water Resources | |
| 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 | | 9 |
| 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.

2 Bachelor of Science, Major in Geography (Environmental Geography)

³ Advanced HUMAN geography includes GEOG 3350, GEOG 3352, GEOG 3359, GEOG 4351, GEOG 4356, or GEOG 4357

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

First Year

| Fall | Hours Spring | Hours |
|--|--|-------|
| Component Area II (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaii) | 3 Component Area III (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii) | 4 |
| Component Area IX (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix) | 1 ENGL 1302 ¹ | 3 |
| ENGL 1301 ¹ | 3 HIST 1301 ⁴ | 3 |
| GEOG 1401 ² | 4 MATH 1369 | 3 |
| HUMAN GEOG course ³ | 3 PHIL 2303 or 3372 (or MATH) | 3 |
| | 14 | 16 |

Second Year

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

Third Year

| Fall | Hours Spring | Hours |
|-----------------------------------|--|-------|
| Component Area III Science course | 4 Component Area VIII (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii) | 3 |
| GEOG 2320 or 2341 | 3 Advanced Elective ⁸ | 3 |
| GEOG 3301 | 3 GEOG Advanced Elective | 3 |
| Minor Course | 6 Major Coconcentration Core ⁵ | 6-7 |
| | 16 | 15-16 |

Fourth Year

| Fall | Hours Spring | Hours |
|--|---|-------|
| Component Area IX (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix) | 3 Advanced Elective ⁸ | 3 |
| Advanced Elective | 3 Advanced HUMAN GEOG Elective ⁹ | 3 |
| Advanced HUMAN GEOG ⁹ | 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 Satisfies Core Curriculum requirement for Component Area VI (U.S. History).

⁵ GEOG Environmental Concentration Core: GEOG 3310, GEOG 4430, GEOG 4331, GEOG 4432

⁶ Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).

7 Geographic Techniques Courses: GEOG 2464, GEOG 4333, GEOG 4361, GEOG 4365, GEOG 4367, GEOG 4468.
8 Electives should be used to fulfill the 120 credit-hours and 42 advanced credit-hours requirements.
9 Advanced HUMAN geography include GEOG 3350, GEOG 3352, GEOG 4351, GEOG 4356, or GEOG 4357