

# Bachelor of Science (BS) – Geography

## Catalog Year 2020

For Advising Purposes Only

### DEPARTMENT OF GEOGRAPHY

Evans Liberal Arts (ELA) 130  
512.245.0372

<http://www.geo.txstate.edu>  
[GEOUndergradProg@txstate.edu](mailto:GEOUndergradProg@txstate.edu)

### COLLEGE OF LIBERAL ARTS ADVISING CENTER

Flowers Hall (FH) 322  
512.245.1852

[www.liberalarts.txstate.edu/advising](http://www.liberalarts.txstate.edu/advising)  
[laadvising@txstate.edu](mailto:laadvising@txstate.edu)

### GENERAL EDUCATION CORE

42 HOURS

#### COMMUNICATION – CODE 010 (6 HOURS)

ENG 1310, ENG 1320, HON 2301A, or HON 2301B

#### MATHEMATICS – CODE 020 (3 HOURS)

MATH 1315, MATH 1317, MATH 1319, MATH 1329, MATH 2321, MATH 2417, MATH 2471, HON 2302A, or HON 2302B

#### LIFE AND PHYSICAL SCIENCE – CODE 030 (6 HOURS)

Choose two: ANTH 2301+2101, BIO 1320, BIO 1321, BIO 1330, BIO 1331, CHEM 1310, CHEM 1330, CHEM 1335, CHEM 1341, CHEM 1342, GEO 1305, GEOL 1410, GEOL 1420, PHYS 1310, PHYS 1320, PHYS 1340, PHYS 1350, PHYS 1315, PHYS 1325, PHYS 1430, PHYS 2425, HON 2303A, HON 2303B, or HON 2303C

#### LANGUAGE, PHILOSOPHY, AND CULTURE – CODE 040 (3 HOURS)

PHIL 1305 (WI), PHIL 1320 (WI), HON 2304A, HON 2304B, or HON 2304C

#### CREATIVE ARTS – CODE 050 (3 HOURS)

ART 2313, DAN 2313, MU 2313, TH 2313, HON 2305A, HON 2305B, HON 2305C, or HON 2305D

#### AMERICAN HISTORY – CODE 060 (6 HOURS)

HIST 1310 (WI), HIST 2327 (WI), HIST 2381 (WI), HON 2306D, HON 2306E, or HON 2306F  
 HIST 1320 (WI), HIST 2328 (WI), HIST 2382 (WI), HON 2306A, HON 2306B, or HON 2306C

#### POLITICAL SCIENCE – CODE 070 (6 HOURS)

POSI 2310, POSI 2320, HON 2307A, or HON 2307B

#### SOCIAL AND BEHAVIORAL SCIENCES – CODE 080 (3 HOURS)

ANTH 1312, CA 2351, ECO 2301, ECO 2314, PFW 1301, PSY 1300, SOCI 1310, or HON 2308A

#### TEXAS STATE AREA OPTION – CODE 090 (6 HOURS)

COMM 1310, HON 2309B, HON 2309F, HON 2309L, or HON 2309O  
 ENG 2310, ENG 2320, ENG 2330, ENG 2340, ENG 2359, ENG 2360, HON 2309A, HON 2309C, HON 2309D, HON 2309E, HON 2309G, HON 2309H, HON 2309I, HON 2309J, HON 2309K, HON 2309M, HON 2309N, or HON 2309Q

Note: Honors course options are available to members of the Honors College. Visit [www.txstate.edu/honors](http://www.txstate.edu/honors) for more info. All Honors course options are Writing Intensive (WI).

All Sophomore English literature courses are Writing Intensive (WI).

(WI) - Writing Intensive course (if taken at Texas State)

### ADDITIONAL BS REQUIREMENTS

3-11 HOURS

#### MODERN LANGUAGE\* (8 HOURS)

Choose from: American Sign Language, Arabic, Chinese, French, German, Italian, Japanese, Latin, Portuguese, or Spanish

1410     1420

\*If two years of foreign language were completed in high school, this requirement will be waived.

#### ADDITIONAL ENGLISH COURSE (3 HOURS)

Choose one (must be different from core): ENG 2310, 2320, 2330, 2340, 2359, 2360, or 3303

### MINOR

18-29 HOURS

For a full list of minors, please visit the Undergraduate Catalog page at <http://mycatalog.txstate.edu/undergraduate/minors/> Biology, Chemistry, Geology, Anthropology, Computer Science, Mathematics, Plant and Soil Science, or Physics are minors that are highly recommended to complement your Geography major. Other minors may be appropriate depending upon your interests and career goals. Discuss other possible options with your academic advisor.

\_\_\_\_\_,  \_\_\_\_\_,  \_\_\_\_\_,  
 \_\_\_\_\_,  \_\_\_\_\_,  \_\_\_\_\_,  
 \_\_\_\_\_,  \_\_\_\_\_,  \_\_\_\_\_.

Note: A course cannot satisfy both major and minor requirements.

### MINIMUM GRADUATION REQUIREMENTS

- 120 total hours
- 36 advanced hours
- 30 hours taken at Texas State
- 24 advanced hours taken at Texas State
- 12 advanced hours in major taken at Texas State
- 24 of the last 30 hours taken at Texas State
- 9 Writing Intensive (WI) hours taken at Texas State
- 2.25 Texas State GPA
- 2.50 Major GPA
- 2.00 Minor GPA

Note: Depending on major and minor combination, some students may need to take open electives to reach the required number of total and/or advanced hours.

TEXAS  STATE<sup>®</sup>  
COLLEGE OF LIBERAL ARTS

**GENERAL GEOGRAPHY MAJOR**  
**36 HOURS**

**REQUIRED COURSES (14 HOURS)**

- GEO 1309 Introduction to Cultural Geography  
or GEO 1310 World Geography
- GEO 2410 Introduction to Physical Geography  
*(Prerequisite: MATH 1315 or above [except MATH 1316]  
with C or higher)*
- GEO 2426 Fundamentals of GIS  
*(Prerequisite: MATH 1315 or above [except MATH 1316]  
with C or higher)*
- GEO 3301 Research Methods in Geography  
*(Prerequisite: MATH 1315 or above [except MATH 1316]  
with C or higher)*

**GEOGRAPHY ELECTIVES (22 HOURS)**

- GEO elective (1000 – 4000 level)
- GEO elective (1000 – 4000 level)
- GEO elective (1000 – 4000 level)
- GEO elective (1000 – 4000 level)
- GEO elective (1000 – 4000 level)
- GEO elective (1000 – 4000 level)
- GEO elective (1000 – 4000 level)
- GEO elective (1000 – 4000 level)

Note: Geography required elective courses (22 hours) to be selected in consultation with your academic advisor

Students must make a grade of "C" or better in all Geography courses that are to be counted for credit toward their major.

**GEOGRAPHY ELECTIVE OPTIONS**

- GEO 1105 Meteorology Laboratory<sup>1</sup>
- GEO 1305 Meteorology
- GEO 1309 Introduction to Cultural Geography
- GEO 1310 World Geography
- GEO 2310 Introduction to Environmental Geography
- GEO 2420 Introduction to Geographic Information Techniques
- GEO 2427 Management and Implementation of GIS<sup>1</sup>
- GEO 3134 Water Quality Monitoring and Management<sup>1</sup>
- GEO 3303 Economic Geography
- GEO 3305 Climatology<sup>1</sup>
- GEO 3307 Geography of Europe
- GEO 3308 Latin America
- GEO 3309 United States and Canada (WI)
- GEO 3310 Urban Geography
- GEO 3313 Natural Resource Use and Management<sup>1</sup>
- GEO 3320 Community and Regional Planning (WI)
- GEO 3321 Energy Resource Management<sup>1</sup> (WI)
- GEO 3323 Location Analysis
- GEO 3328 Geography of North Africa and the Middle East
- GEO 3329 Geography of Texas
- GEO 3332 Geography of South and Southeast Asia (WI)
- GEO 3333 Geography of China and Japan (WI)
- GEO 3335 Oceanography<sup>1</sup>
- GEO 3340 Political Geography

- GEO 3349 World Population<sup>1</sup>
- GEO 3351 Geography of Health
- GEO 3353 American Ethnic Geography (WI)
- GEO 3411 Maps and Mapmaking<sup>1</sup>
- GEO 3416 Remote Sensing and Earth Observation<sup>1</sup>
- GEO 3425 Geomorphology<sup>1</sup>
- GEO 3426 Advanced GIS<sup>1</sup>
- GEO 3434 Water Resources<sup>1</sup>
- GEO 4190/4290 Independent Study
- GEO 4306 Geography of the Southwest
- GEO 4309 Cultural and Political Ecology<sup>1</sup> (WI)
- GEO 4310 Regional Field Studies (WI)
- GEO 4313 Environmental Management<sup>1</sup> (WI)
- GEO 4314 River Basin Management<sup>1</sup> (WI)
- GEO 4316 Landscape Biogeography<sup>1</sup>
- GEO 4317 Water Resources Planning<sup>1</sup>
- GEO 4321 Cities and Urban Design<sup>1</sup>
- GEO 4322 Interpretive Environmental Geography<sup>1</sup> (WI)
- GEO 4323 Conservation Leadership<sup>1</sup>
- GEO 4325 Fluvial Processes<sup>1</sup>
- GEO 4326 Parks and Protected Places<sup>1</sup>
- GEO 4328 Geography of the Russian Realm (WI)
- GEO 4334 Groundwater Resources<sup>1</sup>
- GEO 4335 Directed Research<sup>1</sup>
- GEO 4336 Transportation Systems
- GEO 4338 Planning Practicum<sup>1</sup>
- GEO 4339 Environmental Hazards<sup>1</sup>
- GEO 4340 Fundamental Themes in Geography (WI)
- GEO 4341 Water Policy<sup>1</sup>
- GEO 4350 Solid Waste Planning and Management<sup>1</sup>
- GEO 4352 Air Quality Management<sup>1</sup>
- GEO 4355 Geography of Crime
- GEO 4356 Urban Infrastructure Management<sup>1</sup>
- GEO 4380 Internship in Geography<sup>1</sup>
- GEO 4390 Independent Study<sup>1</sup>
- GEO 4393A Environmental Compliance<sup>1</sup>
- GEO 4393B Business Geography
- GEO 4393D Geography of Food and Agriculture (WI)
- GEO 4393E Race, Class, and the American City
- GEO 4393F Geographies of the Holocaust and Genocide
- GEO 4411 Advanced Cartographic Design<sup>1</sup>
- GEO 4412 Digital Remote Sensing<sup>1</sup> (WI)
- GEO 4417 Digital Terrain Modeling<sup>1</sup>
- GEO 4420 GeoProgramming<sup>1</sup>
- GEO 4422 Web Mapping<sup>1</sup>
- GEO 4424 GPS and GIS<sup>1</sup>
- GEO 4427 GIS Design and Implementation<sup>1</sup>
- GEO 4430 Field Methods<sup>1</sup> (WI)

<sup>1</sup>These courses require either prerequisites, co-requisites, or departmental approval. Please refer to the Undergraduate Catalog at <http://mycatalog.txstate.edu/courses/geo/> for more information.

To meet with an academic advisor, please contact:

**COLLEGE OF LIBERAL ARTS ADVISING CENTER**

Flowers Hall (FH) 322

512.245.1852

[www.liberalarts.txstate.edu/advising](http://www.liberalarts.txstate.edu/advising)

[laadvising@txstate.edu](mailto:laadvising@txstate.edu)