

## Minimum required: 120 semester credit hours

### General Requirements

- The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (<https://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.
- This major requires students to select a minor from the approved list of Undergraduate Minors (<http://www.mycatalog.txstate.edu/undergraduate/minors/>) offered at Texas State. Recommended minors are Biology, Chemistry, Geology, Anthropology, Computer Science, Mathematics, Plant and Soil Science, and Physics; however, other minors may be appropriate depending on a student's interests and career goals. Students are encouraged to meet with an academic advisor to review minor options and degree requirements.
- This major requires a minimum of 36 semester credit hours of Geography courses.
- To satisfy graduation requirements, students must have at least a 2.50 major GPA for Geography and at least a 2.25 Texas State GPA. Students must make a grade of "C" or better in all Geography courses that are to be counted for credit toward their major.

Required major courses include the following:

Code	Title	Hours
GEO 1309 or GEO 1310	Introduction to Cultural Geography World Geography	3
GEO 2110	Physical Geography Laboratory	1
GEO 2301	Our Dynamic Earth	3
GEO 2426	Fundamentals of Geographic Information Systems	4
GEO 3301	Research Methods in Geography	3

6. Required Geography core courses include the following:

Code	Title	Hours
GEO 2310	Global Environmental Change	3
GEO 3313	Natural Resource Use and Management	3
GEO 3434	Water Resources	4
GEO 4314	River Basin Management	3

Select at least two of the following:

GEO 3305	Climatology	3
GEO 3425	Geomorphology	4
GEO 4317	Water Resources Planning	3
GEO 4325	Fluvial Processes	3
GEO 4334	Groundwater Resources	3
GEO 4339	Environmental Hazards	3
GEO 4341	Water Policy	3

7. Geography electives to bring the required Geography hours to 36 should be selected in consultation with an advisor. Students must complete a minimum of 36 advanced hours (3000 or 4000 level courses).

8. The minimum number of hours required for this degree program is 120. The number of free elective hours a student will complete depends on the number of hours a student may need to achieve the required 120 total or 36 advanced hours.

9. Nine hours of writing intensive (WI) courses are required for graduation.

### Course Requirements

Freshman	
First Semester Hours	Second Semester Hours
Communication Component Code 010	3 Communication Component Code 010
Mathematics Component Code 020 <sup>1</sup>	3 Life and Physical Sciences Component Code 030
Life and Physical Sciences Component Code 030	3 American History Component Code 060
Government/Political Science Component Code 070	3 Government/Political Science Component Code 070
GEO 1309 or 1310 (TCCN GEOG 1302 or 1303)	3 GEO 2110
US 1100	1 GEO 2301
<b>16</b>	<b>16</b>

Sophomore	
First Semester Hours	Second Semester Hours
Language, Philosophy, and Culture Component Code 040	3 Creative Arts Component Code 050
American History Component Code 060	3 ENG Literature (Component Area Option Code 090/094) <sup>2</sup>
Social and Behavioral Sciences Component Code 080 (not to include GEO 1310)	3 Modern Language 1420 (if required) or Elective
Modern Language 1410 (if required) or Elective	4 GEO 2310
GEO 3301	3 Minor
<b>16</b>	<b>16</b>

Junior	
First Semester Hours	Second Semester Hours
Component Area Option Code 090/091	3 GEO 3434
ENG 3303 (BS Literature or Technical Writing)	3 GEO Electives
GEO 2426	4 Minor
GEO 3313	3 Elective (as needed)
Minor	3
<b>16</b>	<b>16</b>

Senior	
First Semester Hours	Second Semester Hours
GEO Water Resources Concentration Courses	6-7 GEO 4314
Minor	3 Minor
<b>16</b>	<b>6</b>

Elective (as needed)	3 GEO Elective (as needed)	3
<b>12-13</b>		<b>12</b>

**Total Hours: 120-121**

<sup>1</sup> A Mathematics course may be chosen from the following to satisfy the Mathematics Component Code 020 for this major: MATH 1315 (<https://mycatalog.txstate.edu/search/?P=MATH%201315>) (TCCN MATH 1314), MATH 1317 (<https://mycatalog.txstate.edu/search/?P=MATH%201317>) (TCCN MATH 1316), MATH 1319 (<https://mycatalog.txstate.edu/search/?P=MATH%201319>) (TCCN MATH 1324), MATH 1329 (<https://mycatalog.txstate.edu/search/?P=MATH%201329>) (TCCN MATH 1325), MATH 2321 (<https://mycatalog.txstate.edu/search/?P=MATH%202321>) (TCCN MATH 1323), MATH 2417 (<https://mycatalog.txstate.edu/search/?P=MATH%202417>) (TCCN MATH 2412), or MATH 2471 (<https://mycatalog.txstate.edu/search/?P=MATH%202471>) (TCCN MATH 2413)

<sup>2</sup> An English Literature course may be chosen from the following to satisfy the Component Option Code 090/094 for this major: ENG 2310 (<https://mycatalog.txstate.edu/search/?P=ENG%202310>) (TCCN ENGL 2322), ENG 2320 (<https://mycatalog.txstate.edu/search/?P=ENG%202320>) (TCCN ENGL 2323), ENG 2330 (<https://mycatalog.txstate.edu/search/?P=ENG%202330>) (TCCN ENGL 2332), ENG 2340 (<https://mycatalog.txstate.edu/search/?P=ENG%202340>) (TCCN ENGL 2333), ENG 2359 (<https://mycatalog.txstate.edu/search/?P=ENG%202359>) (TCCN ENGL 2327), ENG 2360 (<https://mycatalog.txstate.edu/search/?P=ENG%202360>) (TCCN ENGL 2328), or ENG 2371 (<https://mycatalog.txstate.edu/search/?P=ENG%202371>).