

**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 (<http://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, Political Science, Anthropology, Business Administration, Plant and Soil Science, and Nature and Heritage Tourism; 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 Geography major courses include the following:

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

- Required Geography core courses include the following:

Code	Title	Hours
GEO 3305	Climatology	3
GEO 3434	Water Resources	4
GEO 4314	River Basin Management	3
GEO 4325	Fluvial Processes	3
GEO 4334 or GEOL 4421	Groundwater Resources Hydrogeology	3
GEO 4341 or GEO 4317	Water Policy Water Resources Planning	3

- Required Geography elective course (3 hours) is to be selected in consultation with an academic advisor.
- Students must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
- 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.
- Nine hours of writing intensive (WI) courses are required for graduation.

**Course Requirements**

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

First Semester Hours		Second Semester Hours	
American History Component Code 060	3	Language, Philosophy, and Culture Component Code 040	3
Modern Language 1410 (if required) or Elective	4	Modern Language 1420 (if required) or Elective	4
GEO 2426	4	GEO 3301	3
GEO 3305	3	GEO 3434	4
<b>14</b>		<b>14</b>	

First Semester Hours		Second Semester Hours	
Social and Behavioral Sciences Component Code 080 (not to include GEO 1310)	3	Creative Arts Component Code 050	3
ENG Literature (Component Area Option Code 090/094) <sup>2</sup>	3	Component Area Option Code 090/091	3
ENG 3303 (BS Literature or Technical Writing)	3	GEO 4314	3
GEO 4325	3	Minor	6
Minor	3		
<b>15</b>		<b>15</b>	

First Semester Hours		Second Semester Hours	
GEO 4334 or GEOL 4421	3-4	GEO Elective	3
GEO 4341 or 4317	3	Minor	3
Minor	6	Electives (as needed)	9
Elective (as needed)	3		
<b>15</b>		<b>15</b>	

**Total Hours: 120**

<sup>1</sup> One course from the following may be chosen to satisfy the Mathematics Component Code 020: MATH 1315 (TCCN 1314), MATH 1317 (TCCN 1316), MATH 1319 (TCCN 1324), MATH 1329 (TCCN 1325), MATH 2321 (TCCN 2313), MATH 2417 (TCCN 2412), or MATH 2471 (TCCN 2413).

<sup>2</sup> An ENG Literature course may be selected from the following: ENG 2310 (TCCN ENGL 2322), ENG 2320 (TCCN ENGL

2323), ENG 2330 (TCCN ENGL 2332), ENG 2340 (TCCN ENGL 2333), ENG 2359 (TCCN ENGL 2327), ENG 2360 (TCCN ENGL 2328), ENG 2371