GEOGRAPHY - BS

Program Requirements

First Year

Fall

GEOG 201 Introduction to Human Geography 3
GEOG 215 Geospatial Cornerstone 1
Life and physical sciences 1 4

Select one of the following:
OCNG 251 Oceanography & OCNG 252 and Oceanography Laboratory
GEOL 101 Principles of Geology & GEOL 102 and Principles of Geology Laboratory
BIOL 111 Introductory Biology I

CHEM 119 Fundamentals of Chemistry I
PHYS 201 College Physics
American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history)
Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)

Semester Credit Hours 14

Spring

GEOG 203 Planet Earth 3
GEOG 213 Planet Earth Lab 1
MATH 140 Mathematics for Business and Social Sciences 3
Life and physical sciences 1 4

Select one of the following:
ATMO 201 Weather and Climate
& ATMO 202 and Weather and Climate Laboratory
GEOL 106 Historical Geology
BIOL 112 Introductory Biology II
CHEM 120 Fundamentals of Chemistry II
PHYS 202 College Physics

Human geography elective 2 3

Semester Credit Hours 14

Second Year

Fall

GEOG 232 Cartography and Visualization 3
MATH 142 Business Calculus 3
POL 206 American National Government 3
STAT 303 Statistical Methods 3
Physical geography elective 3 3

Semester Credit Hours 15

Spring

POL 207 State and Local Government 3
Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts) 3

Human geography elective 2 3
Physical geography elective 3 3
General elective 4 4

Semester Credit Hours 16

Third Year

Fall

GEOG 390 Principles of Geographic Information Systems 4
American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history)
Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture)

Geography elective 5 3
General elective 4 3

Semester Credit Hours 16

Spring

Communication (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)

Geography elective 5 6
General elective 4 6

Semester Credit Hours 15

Fourth Year

Fall

GEOG 450 Field Geography 3
General elective 4 12

Semester Credit Hours 15

Spring

GEOG 440 History and Nature of Geography 3
General elective 4 12

Semester Credit Hours 15

Total Semester Credit Hours 120

1 8 hours required. Department requires that you take two in the same discipline to meet this requirement.
2 Select from GEOG 301, GEOG 304, GEOG 305, GEOG 306, GEOG 309, GEOG 311, GEOG 320, GEOG 323, GEOG 325, GEOG 327, GEOG 330, GEOG 401, GEOG 406, GEOG 420, GEOG 430.
3 Select from GEOG 324, GEOG 331, GEOG 335, GEOG 360, GEOG 370/MARS 370, GEOG 400, GEOG 434, GEOG 435, GEOG 442/GEOS 442.
4 Courses to be selected in consultation with advisor. Select any courses from 100-499 not used elsewhere. (Except AERS 100-499 (http://catalog.tamu.edu/undergraduate/course-descriptions/aers/); ASCC 100-499 (http://catalog.tamu.edu/undergraduate/course-descriptions/ascc/); ENGL 103; KINE 198, KINE 199; MATH 102-104, 131, 141-142, 150-151, 166, 171 (http://catalog.tamu.edu/undergraduate/course-descriptions/math/); MLSC 100-499 (http://catalog.tamu.edu/undergraduate/course-descriptions/mlsc/); NVSC 100-499 (http://catalog.tamu.edu/undergraduate/course-descriptions/nvsc/); Soms 100-499 (http://catalog.tamu.edu/undergraduate/course-descriptions/soms/); STAT 211, STAT 302, STAT 303;).
5 Choose from any 300 or 400-level geography course.
Two courses in the degree plan must be Writing Intensive courses designated by the department in the schedule of classes. Also, International and Cultural Diversity Elective (3 hours) and Cultural Discourse (3 hours) must be incorporated into the degree.