

BACHELOR OF SCIENCE IN GEOSPATIAL INFORMATION

SCIENCES

UT Dallas - School of Economic, Political and Policy Sciences

Degree Plan: 2019 Catalog

45 UTD HOURS REQUIRED

120 HOURS MINIMUM - INCLUDES 51 UPPER DIVISION HOURS¹

Name: _____ Date: _____

ID#: _____ Advisor: _____

Admit to Program: _____ Minor: _____

Catalog Year: _____ DoubleMajor/Degree: _____

Course Title	Course Prefix/#	UTD	Other	Grade
CORE CURRICULUM: 42 hrs²				
Rhetoric	RHET 1302			
Communication	COMM 1311			
Mathematics	MATH 1325 ³			
Life & Physical Sciences	GEOS 1303 or NATS 1311 or NATS 2333 or PHYS 1301 or ENVR 2302 ³ or GEOG 2302 ³ or GEOS 2302 ³			
Life & Physical Sciences				
Language, Philosophy & Culture				
Creative Arts				
American History				
American History				
Govt/Political Science	GOVT 2305			
Govt/Political Science	GOVT 2306			
Social & Behavioral Sciences	CRIM 1301 or CRIM 1307 or ECON 2301 or ECON 2302 or SOC 1301 or GEOG 2303 ³			
Research Design in the Social and Policy Sciences	EPPS 2301			
Methods of Quantitative Analysis or Descriptive and Inferential Statistics	EPPS 2302 or EPPS 2303			
MAJOR PREPARATORY COURSES: 6 credit hours beyond Core Curriculum				
The Global Environment ³	ENVR 2302 ³ or GEOG 2302 ³ or GEOS 2302 ³			
Intro to World Geog Regions ³	GEOG 2303 ³			
Applied Calculus I	MATH 1325 ³			
Global Economy	GEOG 3370			
Urban Planning & Policy	GEOG 3377 or PA 3377			

Course Title	Course Prefix/#	UTD	Other	Grade
MAJOR CORE COURSES: 18 hrs				
Intro to Spatial Thinking	GISC 2305 or GEOS 2305			
Principles of Geospatial Information Sciences	GEOG 3304 or GISC 3304 or GEOS 3304			
Intro to Remote Sensing	GISC 4325 or GEOS 4325			
Spatial Data Science	GEOG 4381 or GISC 4381			
Applied Geog Info Systems	GISC 4382			
Global Changes & Its Challenges	GISC 4386			

CONCENTRATIONS: 15 hrs				
15 credit hours in GeoComputation&GeoVisualization or Geography:				
GeoComputation&GeoVisualization	Geography			
GISC 4363	GEOG 3331			
GISC 4317	GEOG 3357 ⁴			
GISC 4326	GEOG 3359 ⁴			
GISC 4384	GEOG 3372			
GISC 4385	GEOG 3382 ⁴			

PRESCRIBED ELECTIVES: 15 hrs				
prescribed upper-division elective courses				
1				
2				
3				
4				
5				

ELECTIVE REQUIREMENTS: 24 hrs*				
any lower- and upper-division courses from any field of study				
EPPS 1110 & UNIV 1010: Freshman Seminar				

1. Incoming freshmen must enroll and complete requirements of UNIV 1010 and the corresponding school-related freshman seminar course. Students, including transfer students, who complete their core curriculum at UT Dallas must take UNIV 2020.
 2. Curriculum Requirements can be fulfilled by other approved courses from institutions of higher education. The courses listed are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at UT Dallas.
 3. A major requirement that also fulfills a Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.
 4. Alternative courses, as approved by the program head, may be used to satisfy this requirement.

Students must complete at least 51 semester credit hours of upper-division credit to qualify for graduation.