



The University of Texas at Dallas
Bachelor of Science in Geospatial Information Sciences
2023-2024 Catalog

☐ FTIC
☐ Transfer
☐ Other

School of Economic, Political and Policy Sciences

Minimum GPA Requirement: 2.0 in Major; 2.0 Overall

At least 24 of the last 30 SCH must be taken at UT Dallas

Minimum of 120 total SCH; minimum of 45 upper-level SCH to complete a degree

****Disclaimer:** This degree plan is a product of the School of EPPS and is not considered an official university degree plan. For detailed degree information and requirements visit The University of Texas at Dallas Undergraduate Catalog, <http://catalog.utdallas.edu>. To view your official record, please view your Degree Progress Report in Orion.**

CORE CURRICULUM: 42 hrs ²				
Course Title	Course Prefix/#	UTD	Other/Grade	SCH
Communication: Use Dropdown Menu				
Communication: Use Dropdown Menu				
*Mathematics: Use Dropdown Menu				
Life & Physical Sciences: Use Dropdown Menu				
Life & Physical Sciences: Use Dropdown Menu				
Language, Philosophy & Culture: Use Dropdown Menu				
Creative Arts: HUMA 1315				
American History: Use Dropdown Menu				
American History: Use Dropdown Menu				
Govt/Political Science	GOVT 2305			
Govt/Political Science	GOVT 2306			
Social & Behavioral Sciences: Use Dropdown Menu				
*Research Design in the Social and Policy Sciences	EPPS 2301			
*Methods of Quantitative Analysis				
Major Preparatory Courses: 6 semester credit hours beyond Core Curriculum				
*The Global Environment: Use Dropdown Menu ENVR 2302 or GEOG 2302 or GEOS 2302				
*Intro to World Geographic Regions	GEOG 2303			
Spatial Thinking and Data Analytics	GISC 2305			
*Methods of Quantitative Analysis	EPPS 2302 ³			
Urban Planning & Policy: Use Dropdown Menu GEOG 3377 or PA 3377				
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. *If MATH 2413 is selected in Major Related, then 3 credit hours of free electives must be upper-level				

Upper-Level SCH:	0
Completed SCH:	0
Remaining SCH to Complete:	120

MAJOR CORE COURSES: 18 hrs				
Course Title	Course Prefix/#	UTD	Other/Grade	SCH
Cartography and Geovisualization	GISC 4326			
Principles of Geospatial Information Sciences: Use Dropdown Menu				
Introduction to Remote Sensing: Use Dropdown Menu				
Spatial Data Science: Use Dropdown Menu				
Applied Geographic Information Systems	GISC 4382			
Global Changes & Its Challenges	GISC 4386			
MAJOR RELATED: 15 hrs 15 credit hours from the following:				
Introductory Programming for Social and Geospatial Science	GISC 4317			
Internet Mapping and Information Processing	GISC 4363			
Health and Environmental GIS: A Global Perspective	GISC 4384			
Advanced Applications in GIS	GISC 4385			
Urban Growth and Structure	GEOG 3331			
Spatial Dimensions of Health and Disease	GEOG 3357			
Human Migration and Mobility: Global Patterns	GEOG 3359			
The Global Economy	GEOG 3370			
Population and Development	GEOG 3372			
*Differential Calculus	MATH 2413			
PRESCRIBED ELECTIVES: 15 hrs prescribed upper-division elective courses				
ELECTIVE REQUIREMENTS: 24 hrs* courses can be from any field of study.				
EPPS 1110 & UNIV 1010: Freshman Seminar ¹				