

**BACHELOR OF SCIENCE IN GEOSPATIAL INFORMATION**

**SCIENCES**

UT Dallas - School of Economic, Political and Policy Sciences

Degree Plan: 2021 Catalog

**45 UTD HOURS REQUIRED**

120 HOURS MINIMUM - INCLUDES 51 UPPER DIVISION HOURS<sup>1</sup>

Name: \_\_\_\_\_ Date: \_\_\_\_\_

ID#: \_\_\_\_\_ Advisor: \_\_\_\_\_

Admit to Program: \_\_\_\_\_ Minor: \_\_\_\_\_

Catalog Year: \_\_\_\_\_ DoubleMajor/Degree: \_\_\_\_\_

Course Title	Course Prefix/#	UTD	Other	Grade	Course Title	Course Prefix/#	UTD	Other	Grade
<b>CORE CURRICULUM: 42 hrs<sup>2</sup></b>					<b>MAJOR CORE COURSES: 18 hrs</b>				
Rhetoric	RHET 1302				Intro to Spatial Thinking	GISC 2305 or GEOS 2305			
Communication	COMM 1311				Principles of Geospatial Information Sciences	GEOG 3304 or GISC 3304 or GEOS 3304			
Mathematics	MATH 1325 <sup>3</sup>				Intro to Remote Sensing	GISC 4325 or GEOS 4325			
Life & Physical Sciences	GEOS 1303 or NATS 1311 or NATS 2333 or PHYS 1301 or ENVR 2302 <sup>3</sup> or GEOG 2302 <sup>3</sup> or GEOS 2302 <sup>3</sup>				Spatial Data Science	GEOG 4381 or GISC 4381			
Life & Physical Sciences					Applied Geog Info Systems	GISC 4382			
Language, Philosophy & Culture					Global Changes & Its Challenges	GISC 4386			
Creative Arts					<b>CONCENTRATIONS: 15 hrs</b>				
American History					<b>15 credit hours in GeoComputation&amp;GeoVisualization or Geography:</b>				
American History					<b>GeoComputation&amp;GeoVisualization</b>	<b>Geography</b>			
Govt/Political Science	GOVT 2305				GISC 4363	GEOG 3331			
Govt/Political Science	GOVT 2306				GISC 4317	GEOG 3357 <sup>4</sup>			
Social & Behavioral Sciences	CRIM 1301 or CRIM 1307 or ECON 2301 or ECON 2302 or SOC 1301 or GEOG 2303 <sup>3</sup>				GISC 4326	GEOG 3359 <sup>4</sup>			
Research Design in the Social and Policy Sciences	EPPS 2301				GISC 4384	GEOG 3372			
Methods of Quantitative Analysis	EPPS 2302				GISC 4385	GEOG 3382 <sup>4</sup>			
<b>MAJOR PREPARATORY COURSES: 6 credit hours beyond Core Curriculum</b>					<b>PRESCRIBED ELECTIVES: 15 hrs</b>				
The Global Environment <sup>3</sup>	ENVR 2302 <sup>3</sup> or GEOG 2302 <sup>3</sup> or GEOS 2302 <sup>3</sup>				<b>prescribed upper-division elective courses</b>				
Intro to World Geog Regions <sup>3</sup>	GEOG 2303 <sup>3</sup>				1				
Applied Calculus I	MATH 1325 <sup>3</sup>				2				
Global Economy	GEOG 3370				3				
Urban Planning & Policy	GEOG 3377 or PA 3377				4				
<p>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.</p> <p>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.</p> <p>3. A major requirement that also fulfills a Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.</p> <p>4. Alternative courses, as approved by the program head, may be used to satisfy this requirement.</p>					<b>ELECTIVE REQUIREMENTS: 24 hrs*</b>				
					<b>any lower- and upper-division courses from any field of study</b>				
					EPPS 1110 & UNIV 1010: Freshman Seminar				
<b>Students must complete at least 51 semester credit hours of upper-division credit to qualify for graduation.</b>									