Master of Science in Geospatial Information Sciences

Curriculum
The MS in Geospatial Information Sciences is a professional program offered jointly by the School of Economic, Political and Policy Sciences and the School of Natural Sciences and Mathematics.

The program provides students a rigorous understanding of the technologies, quantitative techniques, models and theories used to acquire and manage spatially referenced information and to analyze spatial processes.

Career Options
Graduates of the program can apply their skills in multiple areas including public administration and policy analysis; public safety, criminology, and emergency preparedness management; environmental management; public works management; urban, regional, social service and transportation planning and analysis; private sector business, especially marketing, site selection and logistics; geophysical exploration, including petroleum; and real estate.

Degree Program
The program focuses on the use of geographical information systems, which combine software and hardware capabilities for managing spatially referenced information. Students are provided with the concepts underlying GIS, the skills for implementing GIS projects and the ability to use GIS in pure or applied research in substantive areas.

Students must complete 36 credit hours to earn a Master of Science in Geospatial Information Sciences. This includes:

- 15 semester credit hours of required core.
- 18 semester credit hours of prescribed electives.
- 3 semester credit hours of a research project/thesis requirement.

All students must achieve at least a 3.0 grade point average in all coursework to graduate.

For complete admission and degree requirements, view the Graduate Catalog at catalog.utdallas.edu.