

School of Economic, Political and Policy Sciences

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 sectors, such as policy analysis, smart cities, transportation planning, geospatial intelligence, emergency response, public health and environmental sustainability, as well as private sectors, such as marketing, site selection, logistics, driverless cars, real estate, internet of things and resource exploration (including petroleum).



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 elective
- 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.

Contact Information

Degree Information

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