Doctor of Philosophy in Geospatial Information Sciences

Curriculum
The mission of the PhD in Geospatial Information Sciences degree program is to cultivate innovative researchers capable of advancing the frontiers of knowledge in the geospatial information sciences through improved theories, new technologies, innovative methodologies, sophisticated quantitative analyses and integrative applications.

Jointly offered by the School of Economic, Political and Policy Sciences, the School of Natural Sciences and Mathematics and the Erik Jonsson School of Engineering and Computer Science, this unique program reflects geospatial information science’s origins at the confluence of multiple disciplines including geography, computer science, engineering, geology and various social, policy and applied sciences.

Unlike programs at other schools in which geospatial information sciences is offered as a concentration within traditional geography, geology, environmental science or engineering programs, the degree at UT Dallas is devoted solely to GIS, focusing on advancement of the technology, its associated theory, and the enhancement of its application in a variety of substantive areas. As such, it provides a unique option for students wishing to concentrate in this inherently cross-disciplinary area.

Graduates find employment in the burgeoning geospatial technology industry, in research departments of public and private organizations and in major academic institutions because of their ability to build bridges to other disciplines.

Career Options
Graduates of the program seek positions such as: Geospatial Scientist/Researcher; Professor; Environmental Scientists in government and private sector.

Degree Program
The PhD in Geospatial Information Sciences requires 75 semester credit hours minimum beyond the baccalaureate degree.

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