The curriculum provides depth and breadth of knowledge in the theories and research methods of geographic information science.
Course Work

The curriculum for the Ph.D. program in geographic information science (GIS) is designed to provide depth and breadth of knowledge in the field’s theoretical foundations and research methods. Students complete 31 credit hours of graduate course work, including core, skills and elective courses and 15 credit hours of dissertation research and writing courses. Graduate courses are available at the intermediate and advanced levels with focus on the theoretical aspects of GIS representation, visualization, modeling and spatial data analysis and management, including both human and environmental geography applications. Faculty advisors will work individually with each student to develop a tailored course plan that meets the student’s educational and career goals.

Why choose Texas State?

Working closely with a dedicated faculty that is recognized nationally and internationally for its research, mentoring and teaching accomplishments, students embark on a journey of professional development that includes research and teaching opportunities. The department also hosts or plays key roles in several international, national and university-wide research centers.

Geography Ph.D. alumni successfully pursue careers in academia, in public and private research centers, and in the professional sector with private companies, nonprofit organizations and government agencies.
Department Mission

The mission of the Department of Geography is to offer students educational experiences of the highest quality and to conduct meaningful and vital research. The department is committed to outstanding teaching and scholarly activities within the framework of academic freedom and the diversity of ideas, and is dedicated to the advancement of knowledge and to public service. The department stresses the theoretical and applied realms of geography in all of its curriculum, leads the discipline with innovative applied work, and actively seeks to recruit top students nationally and internationally.

Related Degrees

» Ph.D. in Geography
» Ph.D. in Geographic Education

geo.txstate.edu
Faculty
Thirty-four full-time faculty members conduct research in physical, human, and environmental geography, geographic education and geographic information sciences, and publish in top-tier journals, including the *Annals of the American Association of Geographers*, *The Professional Geographer*, the *International Journal of Geographical Information Sciences* and *Transactions in GIS*. Faculty research has been supported by the National Science Foundation, the Environmental Protection Agency, the Department of Justice, the National Endowment for the Humanities and the National Aeronautics and Space Administration, among other funding agencies.

Career Options
Geographic information science doctoral students actively participate in professional conferences, meetings and workshops, and publish in top-tier journals in the field, including the *International Journal of Geographical Information Science*, *Transactions in GIS*, the *International Journal of Remote Sensing* and *Cartographica*. GIScience Ph.D. alumni hold positions in university and community colleges, the private industry, government agencies, and private and public research centers, in the United States and internationally.
Important Deadlines*

Admissions
Priority Fall: January 15
Fall: May 1
Spring: No admission
Summer: No admission

Funding: Scholarships, Fellowships and Assistantships
Applications must be complete by the priority deadline to be considered for funding.

How to Apply
For information regarding admission requirements and submission instructions, please visit:
gradcollege.txstate.edu/apply

*International applicants can view specific deadlines and requirements at:
gradcollege.txstate.edu/international

For information on deadlines, admission requirements and funding, visit:
gradcollege.txstate.edu/programs/gis-phd
The Ph.D. program in GIScience has prepared me academically and professionally for my future career, and I really recommend it to my friends and peers.

– He (Hannah) Jin, current Ph.D. student at Texas State University