



DEPARTMENT OF
GEOGRAPHY
College of Arts and Sciences

Blaze new trails with a degree in Geospatial Information Science

EXPLORE the world and empower change
BECOME A REMOTE SENSING ANALYST or Web GIS Developer
DISCOVER how GIS matters for real world problem-solving



	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR+
Your Courses	Take foundational STEM and Earth-system courses such as MATH 2144, CS 1113, and GEOG 1114.	Dig deeper into Geography and Geospatial Techniques with GEOG 2344, 3333, and 4203.	Develop intermediate Geospatial Technology skills with GEOG 4323 and 4333 while exploring relevant electives in Cultural or Physical Geography.	Take advanced GIS courses in GEOG 4343 and 4353 and enroll in your capstone internship with GEOG 4943.
Your Experience	Engage with faculty in hands-on courses and projects involving maps, GPS, and environmental processes.	Connect with a faculty mentor or research lab that could use your new skills in GIS and spatial analysis.	Work with your faculty mentor to present your research at a Geography conference or the Undergraduate Research Symposium.	Prepare or begin working to publish your research with your internship supervisor or your mentor faculty member.
Your Community	Join the Geography Club and meet other GIS and GEOG majors. Get involved in on campus organizations.	Apply for Department and College Scholarships. Experience GIS Day at the Capitol or share the power of GIS with K-12 students!	Intern or volunteer with a non-profit organization (e.g., GISCorp). Shadow a GIS or other geospatial professional.	Complete a capstone project that focuses on applying geospatial experience to community engagement. Attend local job fairs.
Your Career Readiness	Discuss with faculty and academic advisor GIS career prospects and marketability.	Continue acquiring highly marketable skills in ArcGIS, QGIS, programming, and statistics.	Apply for a SCAUG Scholarship and continue to build your professional network.	Work with career services on applications for jobs or for continued studies in graduate school.
Your Personalized Path	Consider earning the GIS Certificate, a second Major in Geography, or the Geospatial Information Technologies Minor			

YOU WILL LEARN

How to represent and interpret data on maps; How to apply GIS and remote sensing to environmental and social issues by doing hands-on projects; How to use 3D to visualize and improve places around the world.

WHAT IS NEXT

Work in fields like: Geospatial Intelligence; Geographic Information Science; Cultural or Natural Resource Management; Supply Chain/Logistics.

Pursue an advanced degree in Graduate School

Learn more about building your custom path, visit:
geography.okstate.edu

