



Geographic Information Systems careers are available in almost every field, including government, commercial, educational, and private organizations. GIS technicians read and interpret maps, manipulate and understand digital land data, and manage data entered into a GIS database. They also design and prepare data using GIS hardware and software applications. Geographic Information Systems offer a radically different way to produce and use maps to manage communities and industries.

Certificate

Credit Hours Required for Graduation:
Certificate: 18.0

I chose to enroll in the GIST program, because I was looking for a hands-on opportunity to become more familiar with the power of the ESRI ArcGIS software program. The value gained from the courses in this program was more than expected and not only gave me the desired familiarity I was seeking, but also provided an in-depth understanding of the principle techniques and procedures that are standard within the GIS industry. As an individual working a full-time job and continuing my education, the GIST program's online format was an accommodating solution that allowed me to advance my GIS knowledge base and become vastly more efficient in my career field.

— Nathan Thorson, GIS Precision Ag Technician
University of Nebraska-Lincoln

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A0725 - GIST (08/19)

General Education Requirements

Contact your program advisor to select the general education course requirement, which will meet your program's graduation requirements. See the General Education pages for a complete list.

- (One class from one of the six following areas) 3.0 hours
- GELO #1: Oral Communications
 - GELO #2: Written Communications
 - GELO #3: Critical Thinking & Problem Solving
 - GELO #4: Global Awareness and Citizenship
 - GELO #5: Analytical, Quantitative, and Scientific Reasoning
 - GELO #6: Career and Life Skills



GIS Technician Required Courses

A grade of "C" or higher in all program classes is required to progress through the program.

Course #	Course title	Credit hrs.
GIST1110	Introduction to Geospatial Technology	3.0
GIST1120	Spatial Analysis and Modeling	3.0
GIST1130	Data Acquisition and Management	3.0
GIST1140	GIS Capstone	3.0
GIST1150	Advanced Exploratory GIS or	
GIST1900	Internship or	
GIST1901	Cooperative Experience	3.0
		15.0 hours



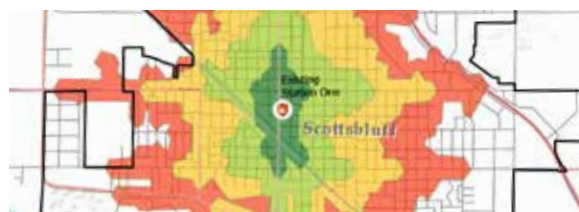
Top Career Options

- GIS Technician
- GIS Support Analyst
- GIS Specialist
- Cartographic Technician



Graduate Earnings

Recent graduates report an average starting wage of \$18.50 per hour.



2019-2020 Tuition/Fee Rate Per Credit Hour	
Nebraska Resident	\$108
Out-of-state tuition/fee rate	\$129
Estimated Expenses	
Tuition/Fees	\$ 1944
Books	400
Special Fees	
Tools/Supplies	
Total:	\$2,344