

# APPLIED GEOGRAPHIC INFORMATION SYSTEMS (GIS) MINOR

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## Requirements

21 total credits

Employment opportunities are limitless for graduates who are proficient with this interdisciplinary tool. Well-qualified GIS specialists are sought in the areas of business, economics, education, government, planning, and international industries.

Code	Title	Hours
<b>Required Geography Core Courses</b>		
GEOG 241	Fundamentals of GIS I	4.00
GEOG 343	Fundamentals of GIS II	4.00
GEOG 442	Advanced Principles of GIS	4.00
Select one of the following:		3.00-4.00
MATH 130	Elementary Statistics	
BUS 270	Business Statistics	
PSYC 301	Statistics for Psychological Research	
MATH 240	Calculus and Analytic Geometry I	
<b>Elective Courses</b>		
Select six credits of the following:		6.00
GEOG 452	GIS Special Project	
ITS 346	Database Management	
GEOL 110	The Dynamic Earth	
GEOL 360	Geomorphology	
CSCI 201	Introduction to Programming	
CSCI 202	Object-Oriented Programming	
CSCI 356	Database Systems	
GEOG 491	Undergraduate Research	
GEOG 496	Internship	
<b>Total Hours</b>		<b>21.00-22.00</b>

A combined maximum of four credits may be earned in GEOG 491 Undergraduate Research and GEOG 496 Internship.