

# CERTIFICATE IN ENVIRONMENTAL GEOGRAPHIC INFORMATION SYSTEMS

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## Topical Geographic Information Systems Certificates

The Department of Geography offers topical Geographic Information Systems certificates designed to serve specific application areas – business, community development and planning and environmental applications. To be awarded a topical GIS certificate, students with a background and requisite coursework in these three areas would leverage GIS tools to solve problems specific to the respective fields. Admission requires current enrollment at UNA.

## Requirements for an Environmental Geographic Information Systems Certificate

Code	Title	Hours
GE 384	Geographic Information Systems	4
GE 430	Biogeography	3
GE 484	Applied Geospatial Analysis	3
GE 487	Geography Capstone Project	3
Select one from the following:		3
BI 421	Ecology	
GE 403	Nature and Society Interactions	
GE 404	Environmental Hazards	
Total Hours		16