

CERTIFICATE IN ENVIRONMENTAL GEOGRAPHIC INFORMATION SYSTEMS

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 487	Geography Capstone Project	3
Select one course from:		3
GE 484	Advanced GIS	
GE 474	Web GIS	
GE 485	GIS Applications	
Select one from the following:		3
BI 421	Ecology	
GE 404	Environmental Hazards	
SRM 345	Natural Resource Management	
ES 348	Earth Resources	
Select one course from:		3
GE 403	Nature and Society Interactions	
GE 450	Fundamentals of Sustainability	
ES 488	Hydrogeology	
BI 423	Aquatic Ecology	
BI 463	Plant Taxonomy	
Total Hours		16