POST-BACCALAUREATE ADVANCED GIS CERTIFICATE

The Department of Geoscience offers an Advanced Certificate in GIS designed for professionals and students wishing to increase their job skills and to have their skills recognized through a certification program, and students from other disciplines interested in broadening their knowledge of the use of Geographic Information Systems (GIS). Courses focus on the application of Geospatial technology to a variety of fields including biology, forestry, geology, hazards management, business, city and regional planning, transportation planning, marketing and software development within GIS industry. Admission to the certificate program is required or current enrollment at UNA. No GRE is required.

Curriculum Requirements for the Post-Baccalaureate Advanced Geographic Information Systems (GIS) Certificate

Code	Title	Hours
GE 615	Advanced Quantitative Methods in Geography	3
GE 688	Modeling and Analysis in GIS (Spatial Modeling)	3
Choose TWO of the following:		
GE 554	Remote Sensing (Remote Sensing)	4
GE 654	Advanced Remote Sensing (Advanced Remote Sensing)	3
GE 664	GIS Programming (GIS Programming)	3
GE 674	Web GIS (Web GIS)	3
GE 685	GIS Applications - Business Analytics (GIS Applications-Business Analytics)	3
Total Hours:		**12-13**