

East Central University

CERTIFICATE in G.I.S.

CODE = 5140

Student Name:	Student ID #
Student Major: _____	Major Advisor: _____
Must earn three hours of upper division work at ECU towards minor for residency requirements.	Minor Advisor: _____
Program/Degree Certificate/Minor is embedded in, if any: _____	
*Stand-Alone Certificates are seperate from a major and do not require enrollment in a particular program	

Requirements	Hours
<i>Courses are designated general education courses.</i>	
General Education	

No course can count for Major, Minor and General Education

VIII. Certificate in Geographic Information Systems*			12
A. Required Courses			
GIS	2253	Initial Concepts in GIS	
GIS	3613	Digital Mapping	
GIS	3953	Spatial Analysis	
GIS	4953	Automating GIS Workflows	