

# GRADUATE CERTIFICATE IN GEOGRAPHIC INFORMATION SYSTEMS (GIS.GR.C)

Code	Title	Credits
<b>Requirements (9 credits)</b>		
AN/GO-524	Introduction to Geographical Information Systems (GIS)	3
GO-520	Spatial Database Design and Management in GIS	3
GO-540	Spatial Analysis	3
<b>Electives (3 credits)</b>		
Select one course from the following list:		3
GO-501	Advanced GIS Applications and Project Implementation	
GO-510	Cartography in GIS	
GO-515	Visual Basic for GIS	
GO-537	Fundamentals of Remote Sensing	
GO-559	Remote Sensing and GPS	
GO-599	Independent Study	
AN/HS-520	Field Methods in Archaeology	
AN/HS-562	History of Maps and Mapping	
CJ-595	Geographic Information Systems, Crime Mapping, and Analysis	
CJ-695	Knowledge into Practice: Criminal Justice Capstone Course	
<b>Total Credits</b>		<b>12</b>

## Admission Requirements

1. Possession of a baccalaureate degree from an accredited college or university with a minimum 3.0 grade point average (GPA).
2. A 500-word essay highlighting personal and/or professional goals related to pursuing study in the GIS graduate certificate program.