Graduate Certificate in Geographic Information Systems	
REQUIREMENTS: 12 Credits	**Credits**
AN/GO-524: Introduction to Geographical Information Systems (GIS)	3.0
GO-520: Spatial Database Design and Management in GIS	3.0
GO-540: Spatial Analysis	3.0
Take One of the Following Courses:	3.0
GO-501: Advanced GIS Applications and Project Implementation	
GO-510: Cartography in GIS	
GO-515: Visual Basic for GIS	
GO-559: Remote Sensing and GPS	
GO-595: Geographic Information Systems Internship Seminar	
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	

Minimum Credits for Graduate Certificate in Geographic Information Systems = 12.0

OR 01/19

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