

GEOGRAPHIC INFORMATION SYSTEMS CERTIFICATE

College: College of Social Sciences & Professional Studies

Geographic information systems (GIS) are used to store, display, and analyze spatially referenced databases to help solve problems and to assist in decision making. GIS is increasingly important in a variety of applications like transportation planning, business logistics, and environmental impact analysis. This certificate can be earned by completing the following or their equivalents.

Requirements for the Geographic Information Systems Certificate

Code	Title	Credits
Required Courses		
GEOG 350	Cartography and GIS	3
GEOG 460	Introduction to Geographic Information Systems Analysis	3
GEOG 465	Advanced Geographic Information Systems Applications	3
Elective Course		
Select one of the following:		3
GEOG 355	Field Mapping	
GEOG 370	GIS and Planning	
GEOG 391	Special Topics in Geographic Information Systems	
GEOG 410	GIS and Communities	
GEOG 455	Remote Sensing	
GEOG 491	Special Topics in Geographic Information Systems	
ANTH 494	Internship in Anthropology	
ANTH 499	Independent Study	
ANTH 300	Topics in Data Collection and Analysis: ¹	
ANTH 491	Anthropology Fieldwork ¹	
Total Credits		12

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Must have substantial GIS content/project and be approved by the Department.

The GIS certificate requires a 2.0 GPA minimum in the courses for the certificate.

Students cannot earn both the GIS minor and certificate.