

# GEOSPATIAL INFORMATION SCIENCES, POST-BACCALAUREATE CERTIFICATE (P.B.C.)

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## 12 credits required

Students choosing the Graduate Certificate track need to complete 12 credit hours of approved coursework with an average grade of B.

Course	Title	Credits
Required courses:		
GEOG651	Spatial Statistics	3
GEOG653	Spatial Analysis	3
GEOG656	Advanced Programming for GIS	3
Select one of the following:		3
GEOG655	Spatial Database System	
GEOG657	Web Programming	
GEOG654	GIS and Spatial Modeling	
GEOG650	MOBILE GIS	
GEOG661	Fundamentals of Geospatial Intelligence	
GEOG663	Big Data Analytics	
Total Credits		12