

# GEOGRAPHIC INFORMATION SCIENCE - CERTIFICATE

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## Program Requirements

Code	Title	Semester Credit Hours
<b>Introductory Level</b>		
Select one of the following:		3
ECCB 651	Geographic Information System for Resource Management	
GEOG 660	Applications in GIS	
MARS 625	GIS Use in Coastal Resources	
PLAN 625	Geographical Information Systems in Landscape and Urban Planning	
<b>Intermediate Level</b>		
Select two of the following:		6
ECCB 652/ BAEN 652	Advanced Topics in Geographic Information Systems	
GEOG 665	GIS-Based Spatial Analysis and Modeling	
PLAN 626	Advanced GIS in Landscape Architecture and Urban Planning	
<b>Specialized GIS Courses</b>		
Select one of the following:		3
CVEN 658	Civil Engineering Applications of GIS	
ENTO 625/ GEOG 625	Landscape Ecology	
ECCB 660	Landscape Analysis and Modeling	
GEOG 662	GIS in Land and Property Management	
GEOG 676	GIS Programming	
GEOG 678	WebGIS	
MARS 626	Advanced GIS for Coastal Systems	
PLAN 612	Transportation in City Planning	
<b>Total Semester Credit Hours</b>		<b>12</b>