

# Certificate in Geographic Information Systems and Planning

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## Requirements for the Certificate in Geographic Information Systems and Planning

Code	Title	Hours
<b>Required Courses</b>		<b>15</b>
GEOG 2011	Introduction to Geographic Information Science	3
GEOG 3050	Computer Cartography and Image Analysis	3
GEOG 3052	Advanced Geographic Information Systems	3
Select two of the following:		6
GEOG 3053	Application Issues in Geographic Information Systems	
GEOG 3510	Urban Community Planning	
GEOG 4900	Special Topics in Geography	

Note: All courses with the GEOG prefix must be completed with a grade of C or better.