

GRADUATE CERTIFICATE IN GEOGRAPHIC INFORMATION SYSTEMS

Degree: Certificate

Major: Graduate Certificate in Geographic Information Systems

Total Hours: 15

Code	Title	Hours
Core Courses		
GEOL 5311	Principles of GIS	3
GEOL 5312	Advanced GIS Analysis and Applications	3
GEOL 5314	Principles of Remote Sensing	3
Electives		
Select two from the following:		6
GEOL 5301	Special Topic Env Geo	
GEOL 5303	Advanced GPS methods and Applications	
GEOL 5313	Geospatial Research project	
GEOL 5316	Remote Sensing Data and Applications	
GEOL 5317	Seminar in Geospatial Science	
GEOL 5318	Drone Photogrammetry & Apps	
CVEN 5370	GIS Applications in Engineering	
COSC 5311	Data Mining	
CPSC 5340	Database Design	
Total Hours		15