

GEOSPATIAL SCIENCES (M.S.) THESIS

Degree: Master of Science

Major: Geospatial Science

Concentration: Thesis

Total Hours: 30

Thesis Based Program

The thesis-based Master of Science in Geospatial Sciences is a 30-credit hour graduate program comprised of 15 credit hours of core courses, 9 credit hours of elective courses and 6 credit hours of thesis.

Code	Title	Hours
Required Courses for Major		
GEOL 5311	Principles of GIS	3
GEOL 5312	Advanced GIS Analysis and Applications	3
GEOL 5314	Principles of Remote Sensing	3
GEOL 5301	Special Topic Env Geo (Thesis I)	3
GEOL 5301	Special Topic Env Geo (Thesis II)	3
Elective Courses		
Select 15 hours from the following:		15
COSC 5311	Data Mining	
COSC 5340	Special Topics (Big Data Comp Systems)	
CVEN 5370	GIS Applications in Engineering	
GEOL 5301	Special Topic Env Geo (Drone Photogrammetry and Applications)	
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	
Total Hours		30