

1.1.3 Program of Study for MS in Environmental Science with a concentration in Geospatial Sciences

Core Courses: Thesis option 18 credit hours (crs) or non-thesis option 17 credit hours (crs)

AGSC 5060 – Statistics for Research	3 crs
AGSC 5110 – Research Methods	3 crs
AGSC 5120 – Thesis Writing	4 crs
OR	
AGSC 5350 – Independent Study of Contemporary Issues & Problems (non-thesis option)	3 crs
AGSC 5500 – Environmental Issues and Sustainability	
OR	
AGSC 5510 – Ecosystem Science and Management	3 crs
AGSC 5260 – Environmental Analysis	3 crs
AGSC 5610, 5620 – Graduate Seminar in Agricultural Sciences I, II	1, 1 cr

Concentration Electives: 12 credit hrs minimum with thesis or 18 credit hrs minimum for non-thesis option

AGSC 6510 – Geospatial Information Systems	3 crs
AGSC 6520 – Advanced Spatial Analysis	3 crs
AGSC 6525 – Remote Sensing Image Analysis	3 crs
AGSC 6530 – Advanced Geospatial Metadata	3 crs
AGSC 6540 – Advanced Spatial Database Design and Management	3 crs
AGSC 6550 – Advanced Geospatial Information Systems Application and Design	3 crs
AGSC 6560 – Global Positioning Systems	3 crs
AGSC 5350 – Independent Study of Contemporary Issues & Problems (thesis option)	3 crs
Guided elective	3 crs
