

1.1.2 Program of Study for MS in Environmental Science with a concentration in Plant Sciences

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

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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

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

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AGSC 5015 – Principles of Organic Agriculture	3 crs
AGSC 5180 – Soil Classification	3 crs
AGSC 5190 – Plant Breeding	3 crs
AGSC 5220 – Plant Growth Substances	3 crs
AGSC 5230 – Advanced Propagation of Horticultural Plants	3 crs
AGSC 5900 – Applied Entomology	3 crs
AGSC 6510 – Geographic Information Systems	3 crs
AGSC 5350 – Independent Study of Contemporary Issues & Problems (thesis option)	
OR	
Guided elective	3 crs

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