

## 1.1 Curriculum/Program of Study for MS Degree in Environmental Science

### 1.1.1 Program of Study for MS in Environmental Science with a concentration in Natural Resources

**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

#### **Natural Resources Concentration**

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BIOL 5190 – Ecology	3 crs
AGSC 5320 – Wetlands Ecology & Management	3 crs
AGSC 5530 – Forest Ecology and Management	3 crs
AGSC 5570 – Climate Change	3 crs
AGSC 5900 – Applied Entomology	3 crs
AGSC 6510 – Geospatial Information Systems	3 crs
AGSC 6525 – Remote Sensing Image Analysis	3 crs
AGSC 5350 – Independent Study of Contemporary Issues & Problems (thesis option)	
OR	
Guided elective	3 crs

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