

Environmental Science, MS Thesis/Non-Thesis combined	Required Courses									
Program SLOs	EVR 6930 Special Topics in Environmental Sciences	GEO6936 Graduate Seminar	GIS6110 Advanced Topics in Geographic Information	EVS6196C Sampling and Analysis in	GEO6118 Research Design	EVR5061 Environmental Field Research	EVR5332 Practicum in Environmental Studies	EVR5413 Environmental Aspects of Urban Growth	EVR5824 Environmental Impact Assessment	EVR5990 Urban Planning
Content										
Summarize and describe how human activities affect, and are affected by, interactions with the atmosphere, hydrosphere, geosphere, and/or biosphere.	M	I	M	M	I	R	R	M		M
Critical Thinking										
Synthesize scientific literature to identify gaps in current scientific knowledge for the preparation of original research or a critical review of a scientific concept	R	I	M	M	M	R	R	M	M	M
Communication										
Demonstrate proficiency in professional presentation and writing skills, including use of professional editorial style and organization.	M	I	M	M	M	R	R		M	
Integrity / Values										
Demonstrate general scientific principles of integrity in reports, grant proposals and other documents.	M	I	I	R	M	R	R	M		M

Department Name

Earth and Environmental Science

Date: Sept 2019

Department URL

<https://uwf.edu/hmcse/departments/earth-and-environmental-sciences/graduate-programs/ms-environmental-science/>

Environmental Science, MS Thesis/Non-Thesis  
combined

Advisor Approved Elective Work (15-20) hours

Program SLOs	EVS5194C Environmental Soil Science	GEO5165 Geostatistics	GEO5225/L Coastal Morphology and Processes w/Lab	GEO5256 Advanced Climatology and Climate Change	GEO5930 Seminar in Environmental Issues	GIS5027 AP and Remote Sensing	GIS5039 - Applications in Remote Sensing	GIS5100 - Applications in Geographic Information	GIS5103 - GIS Programming	GIS 6005 - Communicating GIS
<b>Content</b>										
Summarize and describe how human activities affect, and are affected by, interactions with the atmosphere, hydrosphere, geosphere, and/or biosphere.	i	I	R			M		I	M	
<b>Critical Thinking</b>										
Synthesize scientific literature to identify gaps in current scientific knowledge for the preparation of original research or a critical review of a scientific concept	i	R	R	R	R		M	R	M	
<b>Communication</b>										
Demonstrate proficiency in professional presentation and writing skills, including use of professional editorial style and organization.	I	i	M	M	R	M	M	R	I	M
<b>Integrity / Values</b>										
Demonstrate general scientific principles of integrity in reports, grant proposals and other documents.	R		M	i	R	M				M

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Environmental Science, MS Thesis/Non-Thesis combined					Thesis or Non-Thesis Requirement
Program SLOs	GIS5935	GIS5945 - GIS Internship	GLY5246 - Geochemistry	GLY5266 - Biogeochemistry	Non-thesis comprehensive exam or EVR6971 Thesis
<b>Content</b>					
Summarize and describe how human activities affect, and are affected by, interactions with the atmosphere, hydrosphere, geosphere, and/or biosphere.	M	R	M	M	M
<b>Critical Thinking</b>					
Synthesize scientific literature to identify gaps in current scientific knowledge for the preparation of original research or a critical review of a scientific concept	M	R	R	R	M
<b>Communication</b>					
Demonstrate proficiency in professional presentation and writing skills, including use of professional editorial style and organization.	M	R	R	R	M
<b>Integrity / Values</b>					
Demonstrate general scientific principles of integrity in reports, grant proposals and other documents.	R	R			M

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