

Introduced, Reinforced, M=mastered	Curriculum map for MS Environmental Science - Non-thesis track																							
	Required courses			Advisor Approved Electives																				
Domain/SLO	EVR6930 - Special Topics in Environmental Sciences	GEO6936 - Graduate Seminar	GEO6118 - Research Design	EVR6061 - Environmental Field Research	EVR5332 - Practicum in Environmental Studies	EVR5413 - Environmental Aspects of Urban Growth	EVR5824 - Environmental Impact Assessment	EVR5990 - Urban Planning	EVS 5194C - Environmental Soil Science	EVS6196C - Sampling and Analysis in Environmental Sciences	GEO5165 - Geostatistics	GEO4226L - Coastal Morphology and Processes w/Lab	GEO4256 - Advanced Environmental Climatology and Climate Change	GEO930 - Seminar in Environmental Issues	GIS5039 - Applications in Remote Sensing	GIS5100 - Applications in Geographic Information Systems	GIS5103 - GIS Programming	GIS 5935	GIS5945 - GIS Internship	GIS 6005 - Communicating GIS	GIS6110 - Advanced Topics in Geographic Information Science	GLY6246 - Geochemistry	GLY5266 - Biogeochemistry	Non-thesis comprehensive exam
Content Summarize and describe how human activities affect, and are affected by, interactions with the atmosphere, hydrosphere, geosphere, and/or biosphere.	M	I	I	R	R	M		M	I	M	I	R				I	M	M	R		M	M	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	R	R	M	M	M	I	M	R	R	R	R	M	R	W	M	R		M	R	R	M
Communication Demonstrate proficiency in professional presentation and writing skills, including use of professional editorial style and organization.	M	I	M	R	R		M		I	M	I	M	M	R	M	R	I	M	R	M	M	R	R	M
Integrity/Ethics Demonstrate general scientific principles of integrity in reports, grant proposals and other documents.	M	I	M	R	R	M		M	R	R		M	I	R				R	R	M	I			M