

Masters' Degree Core Courses

Course #	Course Title	Physical Systems	Ecological Systems	Management	Advanced Data
ESM 510	Aquatic Chemistry	x			
ESM 510	Water and Waste Water Trtmnt	x			
ESM 510	Landscape Connectivity		x		
ESM 510	Macroinvertebrates		x		
ESM 518	Landscape Ecology		x		
ESM 520	Ecological Toxicology		x		
ESM 524	Wetland Ecology		x		
ESM 525	Watershed Hydrology	x			
ESM 526	Ecology of Stream & Rivers		x		
ESM 527	Watershed Biogeochemistry	x			
ESM 528	Urban Ecology			x	
ESM 529	Environmental Impact Assessment			x	
ESM 533	Natural Resource Economics			x	
ESM 534	Business Environmental Mgmt Econ			x	
ESM 543	Global Environmental Economics			x	
ESM 545	Old-Growth Forest Ecology		x		
ESM 560	Air Quality	x			
ESM 566	Environmental Data Analysis				x
ESM 567	Multivariate Analysis of Ecological Syst.				x
ESM 570	Environmental Education			x	
ESM 571	Atmospheric Physics	x			
ESM 573	Phytoplankton Ecology		x		
ESM 575	Limnology & Aquatic Ecology		x		
ESM 578	Aquatic Vascular Plants			x	
ESM 579	Fate and Transport of Toxics	x			
ESM 580	Coastal Marine Ecology		x		
ESM 583	Marine Conservation Science & Management			x	
ESM 585	Ecology & Management of Bioinvasions		x		
ESM 588	Environmental Sustainability			x	
ESM 590	Ecosystem Services & Sust: Developing a Toolkit			x	
ESM 591	Ecosystem Services & Sust: Field Project			x	

Course selection must be approved by advisor.