

Masters' Degree Core Courses

Please be aware that not all of these courses are regularly offered. Plan your program of study as soon as you decide to enroll in your program, and revisit it each quarter when you enroll for the next term's classes. Use the Course Projection Guide to identify which courses are likely to be offered when, and have a backup plan to ensure that you can meet your requirements with other commonly offered courses if your first choices are not offered.

Course #	Course Title	Physical Systems	Ecological Systems	Management Systems	Technical Skills
ESM 525	Watershed Hydrology	x			
ESM 527	Watershed Biogeochemistry	x			
ESM 560	Air Quality	x			
ESM 562	Climate Change Impacts, Adaptations and Responses: Geosphere and Anthroposphere	x			
ESM 571	Atmospheric Physics	x			
ESM 579	Fate and Transport of Toxics	x			
ESM 515	Road Ecology	x			
ESM 518	Landscape Ecology		x		
ESM 520	Ecological Toxicology		x		
ESM 524	Wetland Ecology		x		
ESM 526	Ecology of Streams & Rivers		x		
ESM 544	Forest Ecology		x		
ESM 574	Fish Ecology		x		
ESM 575	Limnology & Aquatic Ecology		x		
ESM 580	Coastal Marine Ecology		x		
ESM 585	Ecology & Management of Bioinvasions		x		
ESM 510	Environmental Justice			x	
ESM 510	Fire Ecology & Management			x	
ESM 516	Ecosystem Restoration			x	
ESM 528	Urban Ecology			x	
ESM 529	Environmental Impact Assessment			x	
ESM 535	Natural Resource Policy & Management			x	
ESM 552	Environmental Regulation and Non-Regulatory Approaches			x	
ESM 563	Water Quality Policy and Management			x	
ESM 564	Climate Adaptation: Managing Environmental Risks and Vulnerabilities			x	
ESM 583	Marine Conservation Science & Management			x	
ESM 588	Environmental Sustainability			x	
ESM 551	Project Management for Scientists				x
ESM 554	Graduate Toolbox				x
ESM 566	Environmental Data Analysis				x
ESM 567	Multivariate Analysis of Environmental Data				x

Course selection must be approved by advisor.