

Master of Science, Water Resources Science and Technology

Degree Plan

Prefix and Number	Required Courses (Total 16 SCH)	SCH
WATR 5111*	Water Resources Science and Technology Graduate Seminar	1
WATR 5312*	Water Laws, Rules and Policy	3
WATR 5314*	Pollutants in Environmental Systems	3
WATR 5315*	Advanced Municipal and Industrial Wastewater Treatment and Recycling Systems	3
WATR 5320*	Statistical Methods in Research	3
WATR 5330*	Water Resources Science and Technology Internship	3
Thesis Track (Additional 20 SCH)		
WATR 5306*	Thesis (Should register for it twice. First 3 hours are for thesis proposal and the second 3 hours for thesis completion)	6 (total)
Electives chosen from 5000-level WATR courses	14	
Professional Track (Additional 20 SCH)		
WATR 5305*	Research Project	3
Electives chosen from 5000 level WATR courses	11	
Electives chosen from 5000 level courses in non-WATR disciplines	6	
Elective Courses		
WATR 5214*	Nexus of Water, Energy, and Food	2
WATR 5322*	Wastewater Treatment for Direct and Indirect Uses	3
WATR 5325*	Natural and Constructed Green Systems for Wastewater Management	3
WATR 5335*	Desalination Processes and Emerging Technologies	3
WATR 5345*	Environmental Impact Assessment of Water Resources	3
WATR 5350*	Groundwater Management and Field Investigations	3
WATR 5355*	Institutions and Their Role in Water Resources Management	3
WATR 5360*	Water Resource Sustainable Use and Conservation Policy and Practice	3
WATR 5365*	Water Policy Institution Internship	3
WATR 5370*	US-Mexico Borderlands and Interjurisdictional Water Issues and Policies	3