

**Master of Science, Water Resources Science and Technology**

**Degree Plan**

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