

**UNIVERSITY OF NEW MEXICO****Department of Civil Engineering****Course Requirements****for****Master of Science in Civil Engineering****ENVIRONMENTAL ENGINEERING**

<b><u>Required Courses</u></b>		<b><u>Credit Hours</u></b>
CE 531	Physical-Chemical Water & Wastewater Treatment	3
CE 532	Advanced Physical-Chemical Water & Wastewater Treat.	3
CE 537L	Aqueous Environmental Chemistry and Analysis	3
<i>or</i>		
CE 534	Environmental Engineering Chemistry	3
CE 536	Biological Wastewater Treatment	3
CE 691	Seminar	2
	(must be taken twice, one credit each time)	
 <b><u>Elective Courses</u></b>		
CE 539	Radioactive Waste Management	3
CE 540	Design of Hydraulic Systems	3
CE 541	Groundwater Engineering	3
CE 542	Intermediate Hydrology	3
CE 543	Intro to Groundwater & Contaminant Transport Modeling	3
CE 588 (Plan II)	Project	3
<i>or</i>		
CE 599 (Plan I)	Thesis	6
 Other elective courses that may be approved by the major advisor:		
CE 530	Legal Issues in Environmental Engineering	3
CE 549	Vadose Zone Hydrology	3