

AGRICULTURE, SPECIALIZATION IN WATER ENGINEERING (MS)

Code	Title	Units
REQUIRED COURSES		
AG 5581	Graduate Seminar	1
or FSN 5505	Orientation to Graduate Studies	
BRAE 5599	Thesis	6
BRAE 5532	Water Pumps and Wells	3
BRAE 5533	Irrigation Project Design	3
ESCI 5501	Research Planning	3
STAT 5110	Introductory Statistics for Graduate Students	3
STAT 5120	Intermediate Statistics for Graduate Students	3
Approved Electives		
Select from the following:		8
BRAE 4414	Irrigation Engineering	
BRAE 5405	Chemigation	
BRAE 5500	Individual Study	
CE 4434	Groundwater Hydraulics and Hydrology	
CE 4435	Engineering Hydrology and Stormwater Management	
CE 4440	Hydraulic Systems Engineering	
CE 5533	Sustainable Urban Stormwater Management	
CE 5536	Advanced Modeling in Water Resources	
ENVE 5535	Physico-Chemical Water and Wastewater Treatment	
ENVE 5542	Sustainable Environmental Engineering	
IME 5544	Advanced Engineering Economy	
MATH 5691	Applied Mathematics for Engineers	
MATH 5651	Numerical Analysis	
Total Units		30