

WATER SCIENCE AND MANAGEMENT (INTERNATIONAL WATER RESILIENCE) - DOCTOR OF PHILOSOPHY

Prefix	Title	Credits
WSAM 590	System Dynamics	3
AEEC 5350	Economics of Water Resource Management and Policy	3
RGSC 518 or SOIL 456	Watershed Methods and Management Irrigation and Drainage	3
C E 557	Water Resources Development	3
A ST 505	Statistical Inference I	4
Seminar (8 Hours)		8
WSAM 595	Hands-On Transboundary Aquifer and Community System Convergence Seminar	
WSAM 598	Internship	3
GEOG 481	Fundamentals of GIS	4
WSAM 550	Special Topics	3
Choose one course from the following:		3
GEOG 602	Integrative Research Design	
WSAM 605	Arid Land Water Resources	
WSAM 610	Water and Sustainable Economic Development	
Choose one course from the following:		3
GEOG 578	Fundamentals of GIS	
GEOG 588	GIS for Water Resources	
Choose one course from the following:		3
GEOG 585	Spatial Analysis and Modeling	
ANTH 579	Qualitative Data Analysis and Interpretation	
POLS 502	Research Methods in Government	
POLS 503	Qualitative Research Methods	
POLS 537	Issues in Public Policy	
SOCI 5157	Seminar in Qualitative Research Methods	
SOCI 5163	Issues in Advanced Quantitative Analysis	
SOCI 5153	Seminar in Sociological Research	
Dissertation		18
WSAM 700	Doctoral Dissertation	
Relevant committee-approved electives/transfer credits (enough to meet the required minimum of 75 credits)		14
Total Credits		75