WATER SCIENCE AND MANAGEMENT (AGRICULTURAL WATER RESOURCES) - MASTER OF SCIENCE

This degree is designed primarily for students who wish to complement their primary discipline by obtaining scientific, technical, and managerial expertise in water. The Master's degree can be earned with 26 credits of formal course work, plus 6 additional thesis research credits, as detailed below. The degree also have five available concentrations.

Prefix	Title	Credits
Core Courses		
AEEC 5350	Economics of Water Resource Management and Policy	3
RGSC 518	Watershed Methods and Management	3
or SOIL 456	Irrigation and Drainage	
Select one from the following: [1]		3-4
A ST 505	Statistical Inference I	
C E 582	Statistical Hydrology	
GEOG 585	Spatial Analysis and Modeling	
Seminar Credit OR Select one from the following: [2]		1
WSAM 605	Arid Land Water Resources	
WSAM 610	Water and Sustainable Economic Development	
GEOG 501	Introduction to Geographic Theory and Application	
Concentration Electives		
Students must work with their committee to select 12 credits of elective courses that would meet the Agricultural Water Resources concentration		12
Electives chosen in consultation with the student's committee (enough to meet the required minimum of 32 credits)		**4**
Thesis		
WSAM 599	Masters Thesis	6
Total Credits		**32-33**

[1] With the consent of the instructor and the approval of the student's advisor, C E 582 Statistical Hydrology or GEOG 585 Spatial Analysis and Modeling may be used as a substitute.

[2] Seminar may be substituted by WSAM 605 Arid Land Water Resources, or WSAM 610 Water and Sustainable Economic Development, or GEOG 501 Introduction to Geographic Theory and Application.