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.

New Mexico State University master's accelerated program provides **the opportunity for academically qualified undergraduate students** to begin working on a master's degree **during their junior and senior years** while completing a bachelor's degree. Typically, a bachelor's degree requires four years to complete, and a master's degree requires an additional two years. The master's accelerated programs allow students the opportunity to complete a graduate program in an accelerated manner. You can also check NMSU's catalog for additional information about our programs.

MAP Requirements

- The Graduate School allows qualified junior or senior students to substitute its graduate courses for required or elective courses in an undergraduate degree program and then subsequently count those same course as fulfilling graduate requirements in a related graduate program.
- Undergraduate students may apply for acceptance to the accelerated master's program after completing 60 semester hours of undergraduate coursework of which a minimum of 25 semester credit hours must be completed at NMSU.
- The grade point average must be at a minimum of 2.75.
- Students must receive a grade of B or higher in this coursework to be counted for graduate credit. If a grade of B- or lower is earned, it will not count toward the graduate degree.

Accepted MAP Courses

The following courses are accepted for use in the MAP program, any other courses may be considered after a consultation with an advisor. An exception will need to be made to the degree audit in order for the additional course(s) to be included on both the Undergraduate and Graduate degrees.

Prefix	Title	Credits
ENVS 462	Sampling and Analysis of Environmental Contaminants	3
ENVS 470	Environmental Impacts of Land Use and Contaminant Remediation	3
SOIL 456	Irrigation and Drainage	3
C E 452	Geohydrology	3-4
C E 483	Surface Water Hydrology	3
A ST 505	Statistical Inference I	4
AEEC 5350	Economics of Water Resource Management and Policy	3
GEOG 481	Fundamentals of GIS	4