

WATERSHED MANAGEMENT AND ECOHYDROLOGY (WSMEH)

GRADUATE DEGREE REQUIREMENTS FOR MS

Application Deadlines for Full Consideration of Funding Resources:

15 August for Spring Semester and **15 January** for Fall Semester

MINIMUM ADMISSION REQUIREMENTS:

- ☐ A Bachelor's degree
- ☐ Minimum grade point average (GPA) of 3.0 on a 4.0 scale
- ☐ International students will need to submit proof of English proficiency scores to the University of Arizona. More information can be found [here](#)

SUGGESTED PREPARATORY COURSEWORK (based on WSMEH undergraduate degree requirements):

- ☐ 2 semesters of each biology, chemistry, and physics
- ☐ 2 semesters of calculus
- ☐ 1 semester of statistics

REQUIREMENT	M.S. (Thesis)
Minimum Coursework Units	24 units (15 units must receive regular grades) Required Core: • RNR 696A 001 (take twice) • RNR 546 - Principles of Research • One course in applied statistics or research methods approved by your faculty advisor • RNR 910 Thesis or RNR 909 MS Project WSMEH Core: see list below
Thesis/Dissertation Units	6
Minor	No minor required
MINIMUM TOTAL UNITS	30
Comprehensive Committee	NA
Final Committee	3 Member Minimum (at least 2 tenure-track or equivalent)

- ☐ M.S. students must have a FIRST SEMESTER ADVISORY MEETING with the WSMEH Program Chair, their major advisor, and another committee member during their 1st semester to review potential transfer coursework and a draft plan of study.
- ☐ A PLAN OF STUDY must be completed in the 2nd semester for M.S. Students
 - RNR 900 does not qualify toward the 25 units of required coursework for M.S. Students
 - Students can gain credit for lab meetings, but this must be ungraded and registered for as RNR 900
- ☐ M.S. students must include a **minimum of 6 units** from the following set of courses in their PLAN OF STUDY:
 - WSM 539A Introduction to Dendrochronology (4 units)
 - WSM 552 Climate Change and Dryland Ecosystem Ecology (4 units)
 - HWRS 523 Hydrology (3 units)
 - WSM 550 Hydrology for Water Resources Management (3 units)
 - WSM 568 Wildland Water Quality (3 units)
 - RNR 558 Ecosystem Ecology and a Sustainable Future (3 units)

- RNR 575 Economic Evaluation of Water and Environmental Policy (3 units)
- M.S. students must register for one seminar course per academic year. Courses numbered 595/695 or 596/696 count towards this requirement. These seminar courses do not need to be associated with an SNRE housed prefix.
- M.S. students must also register for RNR 696A-001 during their first two semesters. M.S. students must also register for RNR 546 during their first spring semester.
- A RESEARCH PROPOSAL must be approved by their committee in the 2nd semester for M.S. Students in the Thesis Option

Revised 08-2026

COURSE PLANNING TOOL for Plans of Study

	Course prefix and number	Course title	Units	Semester planned or taken
Coursework units	RNR 696A 001 RNR 696A 001 RNR 546 One course in applied statistics or research methods approved by your faculty advisor (e.g., RNR621: ENVS567: PA555: SOC526)	Natural Resources Seminar Natural Resources Seminar Principles of Research Statistics	1 1 3 3 or 4	
Thesis or project units	RNR 910 Thesis or RNR 909 MS Project		6	
	TOTAL			
			MS ≥ 30	