Any student enrolled in a University of Wisconsin-Madison PhD program can pursue a doctoral minor in Water Resources Management. Meeting the increasing human demand for water while ensuring its future availability and quality is a significant societal challenge. The Water Resources Management (WRM) program prepares students to face the complexities of managing this critical natural resource. Students complete coursework that integrates the biological and physical sciences (which identify and measure problems) with engineering (which provides technological alternatives), law, and the social sciences (which assess needs and potential for institutional response). Each WRM student gains breadth in relevant planning and management areas while developing depth in an area specialty. WRM students participate in a summer group practicum workshop with a water resources management focus.

**REQUIREMENTS**

Courses are chosen in conjunction with the chair, who serves as the minor advisor, and the student’s departmental advisor. A PhD student may earn a doctoral minor in Water Resources Management by completing 11-12 credits that include the following courses:

- ENVIR ST/CIV ENGR/URB R PL 718 Water Resources Management Practicum Planning Seminar II
- ENVIR ST/CIV ENGR/URB R PL 719 Water Resources Management Summer Practicum
- and two additional courses (300-level and higher) in one or more of the WRM curriculum breadth categories. Breadth courses should complement the PhD major and academic background as well as address any gaps in their training within the WRM curriculum breadth categories. Students are expected to achieve a B or better in all courses used for the minor. Minor and major credits/courses cannot overlap or double-count.

**ADMISSIONS**

Doctoral students who wish to pursue an Option A external minor in Water Resources Management should consult the chair of the Water Resources Management graduate program.