

WATER RESOURCES MANAGEMENT, MS

The Water Resources Management (WRM) program is an interdisciplinary graduate program leading to a master of science (MS) degree in water resources management. The program addresses the complex, interdisciplinary aspects of managing water resources by helping students integrate the biological and physical sciences (which identify and assess problems) with engineering (which defines technological alternatives) as well as law and the social sciences (which assess needs and potential for institutional response). Through the WRM program, a student gains breadth in relevant planning and management areas while developing depth in an area specialty.

The water resources management degree is designed to prepare students for employment as water resources management professionals. Rather than conduct individual research projects, WRM students participate in a group practicum workshop with a water resources management focus. Students who wish to add individual research credentials to their records frequently arrange to complete a second, simultaneous master's program in one of the university's traditional departments. Those interested primarily in individual research may wish to consider the Nelson Institute's Environment and Resources program as an alternative. The WRM program does not offer a doctoral degree.

Any person who attended an accredited institution and earned an undergraduate degree there in the biological sciences, earth sciences, economics, education, engineering, history, journalism, landscape architecture, law, mathematics, physical science, political science, urban and regional planning, or other relevant field may apply for admission to the WRM program.

ADMISSIONS

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Please consult the table below for key information about this degree program's admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program's website.

Graduate admissions is a two-step process between academic programs and the Graduate School. **Applicants must meet the minimum requirements (<https://grad.wisc.edu/apply/requirements/>) of the Graduate School as well as the program(s).** Once you have researched the graduate program(s) you are interested in, apply online (<https://grad.wisc.edu/apply/>).

Requirements	Detail
Fall Deadline	January 15
Spring Deadline	October 15
Summer Deadline	January 15
GRE (Graduate Record Examinations)	Not required.

English Proficiency Test Refer to the Graduate School: Minimum Requirements for Admission policy: <https://policy.wisc.edu/library/UW-1241> (<https://policy.wisc.edu/library/UW-1241/>).

Other Test(s) (e.g., GMAT, MCAT) n/a

Letters of Recommendation Required 3

DEADLINES

Application materials for Water Resources Management must be received by the fall deadline for admission to the following summer session or fall semester and by the spring deadline for admission to the following spring semester.

APPLICATION CHECKLIST

In addition to the items listed in the table above, a complete application includes the following items:

1. Statement of Purpose
2. Resume/Curriculum Vitae
3. Transcript(s)

FUNDING

FUNDING

GRADUATE SCHOOL RESOURCES

[The Bursar's Office provides information about tuition and fees associated with being a graduate student.](#) [Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid.](#) [Further funding information is available from the Graduate School.](#)

Be sure to check with your program for individual policies and restrictions related to funding.

PROGRAM RESOURCES

In most cases, Water Resources Management is unable to guarantee any funding to students. However, many of our students obtain funding through other departments on campus, and we recommend that students contact faculty or departments directly if they have teaching skills in specific areas. Individual faculty members occasionally have their own sources of support for project assistants, though we strongly urge students not to depend on these as guaranteed sources of funding.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirementstext>) and policies (<https://guide.wisc.edu/graduate/#policiestext>), in addition to the program requirements listed below.

MAJOR REQUIREMENTS

MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW–Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirement Detail

Minimum Credit Requirement

Minimum Residence Credit Requirement

Minimum Graduate Coursework Requirement

Overall Graduate GPA Requirement

Other Grade Requirements

Assessments and Examinations

Language Requirements

REQUIRED COURSES

Code	Title	Credits
Breadth Requirements		
Category A: Natural Science & Technology (see course list below)		9
Category B: Water Resources Institutions & Public Decision-Making Processes (see course list below)		9
Category C: Analytical & Design Tools in Water Resources (see course list below)		6
Area of Specialty		15
Students choose courses, in the 300–999 range, in a cohesive area of study pertaining to their intended career path. This is coursework required for completion of the degree. At least nine credits must be from UW–Madison.		
Interdisciplinary Group Practicum		
ENVR ST/ CIV ENGR/ URB R PL 718	Water Resources Management Practicum Planning Seminar II	2
ENVR ST/ CIV ENGR/ URB R PL 719	Water Resources Management Summer Practicum	4
Total Credits		45

Category A: Natural Science & Technology

Students choose any biological sciences and/or physical sciences courses in the 300–999 range. This course list is not meant to be all-inclusive. Students are not restricted to the courses listed here. This is a sample of appropriate courses for this category that are offered through various departments/programs. At least three credits must be from UW–Madison.

Category B: Water Resources Institutions & Public Decision-Making Processes

Students choose any social sciences and/or arts & humanities courses in the 300–999 range. This course list is not meant to be all-inclusive. Students are not restricted to the courses listed here. This is a sample of appropriate courses for this category that are offered through various departments/programs. At least three credits must be from UW–Madison.

Category C: Analytical & Design Tools in Water Resources

Students choose any measurement/analysis/tools/methods courses in the 300–999 range. This course list is not meant to be all-inclusive. Students are not restricted to the courses listed here. This is a sample of appropriate courses for this category that are offered through various departments/programs. At least three credits must be from UW–Madison.

Category A: Natural Science & Technology courses

Code	Title	Credits
AGROECOL/ ENVR ST 724	Agroecosystems and Global Change	3
ATM OCN/ PLANTSCI 532	Environmental Biophysics	3
ATM OCN/BOTANY/ CIV ENGR/ ENVR ST/GEOSCI/ ZOOLOGY 911	Limnology and Marine Science Seminar	1
BOTANY 330	Algae	3
BOTANY/ F&W ECOL 402	Dendrology: Woody Plant Identification and Ecology	3

BOTANY/ENVIR ST/ F&W ECOL/ ZOOLOGY 516	Conservation Biology	3
BOTANY/GEOG 338	Environmental Biogeography	3
BOTANY/ ZOOLOGY 725	Ecosystem Concepts	3
BSE 571	Small Watershed Engineering	3
BSE/CIV ENGR/ SOIL SCI 372	On-Site Waste Water Treatment and Dispersal	2
BSE/ENVIR ST 367	Renewable Energy Systems	3
CIV ENGR 310	Fluid Mechanics	3
CIV ENGR 311	Hydroscience	3
CIV ENGR 320	Environmental Engineering	3
CIV ENGR 415	Hydrology	3
CIV ENGR 500	Water Chemistry	3
CIV ENGR 618	Special Topics in Hydraulics and Fluid Mechanics	1-3
CIV ENGR 619	Special Topics in Hydrology	1-3
CIV ENGR/ ENVIR ST/ URB R PL 717	Water Resources Management Practicum Planning Seminar I	1
ENVIR ST 901	Graduate Orientation Seminar	1
ENVIR ST/ F&W ECOL/ ZOOLOGY 360	Extinction of Species	3
ENVIR ST/ GEOG 339	Environmental Conservation	4
ENVIR ST/ GEOSCI 411	Energy Resources	3
ENVIR ST/ LAND ARC 361	Wetlands Ecology	3
ENVIR ST/ POP HLTH 471	Introduction to Environmental Health	3
ENVIR ST/ SOIL SCI 324	Soils and Environmental Quality	3
ENVIR ST/ SOIL SCI 575	Assessment of Environmental Impact	3
ENVIR ST/ ZOOLOGY 315	Limnology-Conservation of Aquatic Resources	2
ENVIR ST/ ZOOLOGY 510	Ecology of Fishes	3
ENVIR ST/ ZOOLOGY 511	Ecology of Fishes Lab	2
GEOG 342	Geography of Wisconsin	3
GEOG/GEOSCI 420	Glacial and Pleistocene Geology	3
GEOSCI 875	Advanced Topics in Geology	1-3
GEOSCI/G L E 627	Hydrogeology	3-4
LAND ARC 668	Restoration Ecology	3
SOIL SCI 301	General Soil Science	3
SOIL SCI 621	Soil and Environmental Chemistry	3
ZOOLOGY 316	Laboratory for Limnology- Conservation of Aquatic Resources	2-3
ZOOLOGY 955	Seminar-Limnology	1

Category B: Water Resources Institutions & Public Decision-Making Processes courses

Code	Title	Credits
A A E/ECON/ ENVIR ST 343	Environmental Economics	3-4
A A E/ECON/ ENVIR ST/ URB R PL 671	Energy Economics	3
A A E/ECON/ F&W ECOL 531	Natural Resource Economics	3
A A E/ENVIR ST/ POP HLTH/ PUB AFFR 881	Benefit-Cost Analysis	3
ANTHRO 477	Anthropology, Environment, and Development	3
C&E SOC 375	Special Topics	1-4
C&E SOC/CURRIC/ ENVIR ST 405	Education for Sustainable Communities	3
C&E SOC/SOC 541	Environmental Stewardship and Social Justice	3
C&E SOC/SOC/ URB R PL 617	Community Development	3
CIV ENGR/ ENVIR ST/ URB R PL 717	Water Resources Management Practicum Planning Seminar I	1
CSCS 460	Civil Society and Community Leadership	3
ECON/ENVIR ST/ POLI SCI/ URB R PL 449	Government and Natural Resources	3-4
ENGL/ ENVIR ST 305	Rhetoric, Science, and Public Engagement	3
ENVIR ST 349	Climate Change Governance	3
ENVIR ST 402	Special Topics: Social Perspectives in Environmental Studies	1-4
ENVIR ST 901	Graduate Orientation Seminar	1
ENVIR ST/ F&W ECOL 515	Natural Resources Policy	3
ENVIR ST/ GEOG 337	Nature, Power and Society	3
ENVIR ST/ GEOG 339	Environmental Conservation	4
ENVIR ST/ GEOG 439	US Environmental Policy and Regulation	3-4
ENVIR ST/HISTORY/ LEGAL ST 430	Law and Environment: Historical and Contemporary Perspectives	3
ENVIR ST/JOURN/ LSC 823	Science and Environment Communication	3
ENVIR ST/ PHILOS 441	Environmental Ethics	3-4
ENVIR ST/POLI SCI/ PUB AFFR 866	Global Environmental Governance	3
ENVIR ST/ SOIL SCI 575	Assessment of Environmental Impact	3
ENVIR ST/ URB R PL 843	Land Use Policy and Planning	3

ENVIR ST/ URB R PL 865	Water Resources Institutions and Policies	3	ENVIR ST/GEOG/ LAND ARC/ URB R PL 532	Applications of Geographic Information Systems in Planning	3
ENVIR ST/ URB R PL 917	Public Participation for Planning and Policy Making	3	ENVIR ST/ LAND ARC/ SOIL SCI 695	Applications of Geographic Information Systems in Natural Resources	3
GEOG 340	World Regions in Global Context	3	ENVIR ST/ SOIL SCI 575	Assessment of Environmental Impact	3
ISY E/M H R 729	Behavioral Analysis of Management Decision Making	3	F&W ECOL/STAT 571	Statistical Methods for Bioscience I	4
INTER-HE 801	Special Topics in Human Ecology	1-3	F&W ECOL/ STAT 572	Statistical Methods for Bioscience II	4
JOURN 566	Communication and Public Opinion	4	GEOG 378	Introduction to Geocomputing	4
LAW 845	Water Rights Law	2-3	GEOG 500	Qualitative Strategies in Geography	3
LAW 848	Introduction to Environmental Law	3	GEOG 579	GIS and Spatial Analysis	4
LAW/URB R PL 830	Land Use Controls	3	GEOG 970	Seminar in Geographic Information Science	1-3
LSC 560	Scientific Writing	3	GEOSCI/G L E 627	Hydrogeology	3-4
POLI SCI/ PUB AFFR 871	Public Program Evaluation	3	GEOSCI/G L E 724	Groundwater Flow Modeling	3
POLI SCI/ PUB AFFR/ URB R PL 874	Policy-Making Process	3	M H R 728	Bargaining, Negotiating and Dispute Settlement for Managers	3
POLI SCI/ PUB AFFR/ URB R PL 878	Public Management	3	PUB AFFR 818	Introduction to Statistical Methods for Public Policy Analysis	3
PUB AFFR 974	Topics in Public Affairs	3	PUB AFFR 819	Advanced Statistical Methods for Public Policy Analysis	3
URB R PL 590	Contemporary Topics in Urban and Regional Planning	1-3	REAL EST/ URB R PL 720	Urban Economics	3
URB R PL 601	Site Planning	3	SOC WORK/ URB R PL 721	Methods of Planning Analysis	3
URB R PL 731	Introduction to Regional Planning	3	STAT 301	Introduction to Statistical Methods	3
URB R PL 741	Introduction to Planning	3	URB R PL 841	Urban Functions, Spatial Organization and Environmental Form	2-3
URB R PL 841	Urban Functions, Spatial Organization and Environmental Form	2-3			

Category C: Analytical & Design Tools in Water Resources courses

Code	Title	Credits
A A E/ENVIR ST/ POP HLTH/ PUB AFFR 881	Benefit-Cost Analysis	3
BSE 571	Small Watershed Engineering	3
CIV ENGR 310	Fluid Mechanics	3
CIV ENGR 415	Hydrology	3
CIV ENGR 416	Water Resources Systems Analysis	3
CIV ENGR 515	Hydroclimatology for Water Resources Management	3
CIV ENGR/ ENVIR ST/ GEOG 377	An Introduction to Geographic Information Systems	4
CIV ENGR 516	Hydrologic Data Analysis	3
CIV ENGR/ ENVIR ST/ LAND ARC 556	Remote Sensing Digital Image Processing	3
ECON/PUB AFFR/ URB R PL 734	Regional Economic Problem Analysis	3
ENVIR ST/ F&W ECOL/G L E/ GEOG/GEOSCI/ LAND ARC 371	Introduction to Environmental Remote Sensing	3

POLICIES

GRADUATE SCHOOL POLICIES

The Graduate School's Academic Policies and Procedures (<https://grad.wisc.edu/acadpolicy/>) serve as the official document of record for Graduate School academic and administrative policies and procedures and are updated continuously. Note some policies redirect to entries in the official UW-Madison Policy Library (<https://policy.wisc.edu/>). Programs may set more stringent policies than the Graduate School. Policies set by the academic degree program can be found below.

MAJOR-SPECIFIC POLICIES

PRIOR COURSEWORK

Graduate Credits Earned at Other Institutions

With faculty advisory committee and program chair approval, students are allowed to transfer up to 15 credits of graduate coursework from other institutions. Students must have at least three UW-Madison credits in each of the three breadth categories, and at least nine UW-Madison credits in the Area of Specialty category. Coursework completed ten or more years prior to admission to the program is not allowed to satisfy graduate degree or graduate coursework requirements.

Undergraduate Credits Earned at Other Institutions or UW-Madison

No credits from another institution or UW-Madison undergraduate degree are allowed to count toward the program.

Credits Earned as a Professional Student at UW-Madison (Law, Medicine, Pharmacy, and Veterinary careers)

Refer to the Graduate School: Transfer Credits for Prior Coursework (<https://policy.wisc.edu/library/UW-1216/>) policy.

Credits Earned as a University Special Student at UW-Madison

Refer to the Graduate School: Transfer Credits for Prior Coursework (<https://policy.wisc.edu/library/UW-1216/>) policy.

PROBATION

Refer to the Graduate School: Probation (<https://policy.wisc.edu/library/UW-1217/>) policy.

ADVISOR / COMMITTEE

All students must assemble a three-member faculty advisory committee that represents a minimum of two departments, preferably no later than their second semester in the program. To meet the interdisciplinary requirement the committee must include members tenured in one of the natural sciences divisions (Biological Sciences, Physical Sciences) and one of the social sciences divisions (Social Studies, Arts & Humanities).

CREDITS PER TERM ALLOWED

15 credit maximum. Refer to the Graduate School: Maximum Credit Loads and Overload Requests (<https://policy.wisc.edu/library/UW-1228/>) policy.

TIME LIMITS

Refer to the Graduate School: Time Limits (<https://policy.wisc.edu/library/UW-1221/>) policy.

GRIEVANCES AND APPEALS

These resources may be helpful in addressing your concerns:

- Bias or Hate Reporting (<https://doso.students.wisc.edu/bias-or-hate-reporting/>)
- Graduate Assistantship Policies and Procedures (<https://hr.wisc.edu/policies/gapp/#grievance-procedure>)
- Hostile and Intimidating Behavior Policies and Procedures (<https://hr.wisc.edu/hib/>)
 - Office of the Provost for Faculty and Staff Affairs (<https://facstaff.provost.wisc.edu/>)
- Employee Assistance (<http://www.eao.wisc.edu/>) (for personal counseling and workplace consultation around communication and conflict involving graduate assistants and other employees, post-doctoral students, faculty and staff)
- Employee Disability Resource Office (<https://employeeabilities.wisc.edu/>) (for qualified employees or applicants with disabilities to have equal employment opportunities)
- Graduate School (<https://grad.wisc.edu/>) (for informal advice at any level of review and for official appeals of program/departmental or school/college grievance decisions)
- Office of Compliance (<https://compliance.wisc.edu/>) (for class harassment and discrimination, including sexual harassment and sexual violence)

- Office Student Assistance and Support (OSAS) (<https://osas.wisc.edu/>) (for all students to seek grievance assistance and support)
- Office of Student Conduct and Community Standards (<https://conduct.students.wisc.edu/>) (for conflicts involving students)
- Ombuds Office for Faculty and Staff (<http://www.ombuds.wisc.edu/>) (for employed graduate students and post-docs, as well as faculty and staff)
- Title IX (<https://compliance.wisc.edu/titleix/>) (for concerns about discrimination)

This document was reviewed by the Graduate Student working group and approved by vote of Nelson Institute Governance with subsequent review by campus HR; please note that this was prior to the revision of GAPP by campus in 2019-20, as well as present and expected changes in 2020 after to Title IX, Office of the Dean of Students, etc.

Preamble:

Any student who feels that they have been treated unfairly by a faculty or staff member has the right to seek redress and to receive a hearing of the grievance following these procedures. It applies only to grievances about those persons who are employees of the Nelson Institute, who teach for the Nelson Institute or otherwise are subject to administrative oversight by the Institute. The complaint may concern course grades, program admission, classroom treatment, hostile or intimidating behavior, or any other issue. Note that these procedures are for students bringing grievances to the Nelson Institute, they do not cover issues relating to the classroom behavior of students which must be referred to the Dean of Students.

The procedures outlined below are used in the Nelson Institute to ensure a prompt and fair hearing of complaints, and to protect the rights of both the student and the person at whom the complaint is directed. These policies describe formal procedures. A student is free to bypass these procedures if they do not wish for an Institute sanctioned resolution.

A complaint covered here may involve issues that either require or that would benefit from being directed to one of the campus programs or offices addressing complaints and grievances. See <https://compliance.wisc.edu/> and https://compliance.wisc.edu/wp-content/uploads/sites/102/2018/09/Safe-Learning-and-Work-Guide.Fall_FY19-Accessible.pdf (Accessed Oct. 2020). Please review the most recent information on Title IX on campus, as guidelines and contacts may change. Graduate students should review information at <https://grad.wisc.edu/documents/grievances-and-appeals/> (Accessed Feb. 2019). Undergraduate students may wish to review information available in the undergraduate course catalog. There they will find this option presented: "For assistance in determining options, students can contact the on-call dean in the Dean of Students Office, 608-263-5700, Room 70 Bascom Hall, Monday- Friday, 8:30 a.m.-4:30 p.m."

Also, students should know that academic administrators may be required to report instances of sexual harassment or violence in accordance with university policy and the Clery act. (See: <http://uwpd.wisc.edu/crime-data/clery-act/> Accessed Oct. 2018).

State law contains additional provisions regarding discrimination and harassment. Wisconsin Statutes 36.12 reads, in part: "No student may be denied admission to, participation in or the benefits of, or be discriminated against in any service, program, course or facility of the system or its institutions or center because of the student's race, color, creed, religion, sex, national origin, disability, ancestry, age, sexual orientation, pregnancy, marital status or parental status." In addition, UW-System prohibits

discrimination based on gender identity or gender expression. Students have the right to file discrimination and harassment complaints with the Office for Equity and Diversity.

Questions about Nelson Institute procedures can be directed to the Associate Dean for Research and Education.

Procedures:

1. If possible, the student (complainant) should first talk with the person against whom the grievance is directed to advise them of their complaint and to determine if resolution is possible.
2. If the student is not satisfied, or if they do not feel comfortable addressing the person to whom the grievance is directed, they should ask to speak to the immediate supervisor of the person involved. If the complaint is directed against a teaching assistant, the student should talk to the TA's supervisor, who is usually the course professor. If the student grievance concerns a faculty or staff member in Nelson, the next formal step is for the student to meet with the Associate Dean for Research and Education. If the complaint is not resolved at this level, the student may continue to the next step (4).
3. It is recognized that a student may be reluctant to bring their grievance to the person against whom the complaint is directed, or to their supervisor, or to anyone else in the administrative hierarchy. In that case, the student should seek out a person who can guarantee confidentiality to the extent allowed by the law and university policy and provide non-judgmental advice as to appropriate next steps. Note that if criminal activity is involved confidentiality cannot be guaranteed. If a student does not know of any suitable person, they may approach any member of the Nelson Institute Academic Programs staff who will be able either to serve as a confidential discussant or who will be able to direct the student to someone who can assure confidentiality. Their role is to be that of Ombuds, meaning that they are not to take a position with respect to the validity of the grievance. Their role is to advise the student as to appropriate next steps.
4. To start a formal grievance process, the student must submit the grievance in writing to the Nelson Institute Associate Dean for Research and Education (hereafter Associate Dean) as soon as possible. An email for which receipt is acknowledged will be considered a written submission.
5. On receipt of the written complaint, the Associate Dean will acquaint themselves with the issues. This may involve face to face meetings or other means of establishing the facts in dispute. The Associate Dean will have the option of proposing a resolution. If the proposed resolution is accepted by parties directly involved, the matter will be considered settled at this level. Relevant documents will be archived by the Office of the Assistant Dean for Administration. At any point in the proceedings after the receipt and acknowledgement of the grievance by the Associate Dean, the complainant or the compliance will have the option of requesting that the matter be referred to an ad hoc committee. This request must be submitted in writing and acknowledged by the Associate Dean.
6. If the matter cannot be settled through the mediation of the Associate Dean, or if the Associate Dean has concluded that the case merits further attention, or if the complainant has requested that the matter be referred to an ad hoc committee an ad hoc committee will be appointed by the Dean of the Nelson Institute or their designee. The committee will consist of at least three members. Within 10 working days, the student

will be allowed to revise the complaint or to add material to the complaint document to be provided to the committee. The complainant may request a change in committee membership, but the final decision on the committee will remain with the Dean. The committee may request a written response from the person toward whom the complaint is directed. This response shall be shared with the person filing the grievance. The ad hoc committee will meet to discuss the case. They are authorized to seek additional information if they feel it is necessary. They will convey their written decision regarding the case including any recommendations for remediation or mediation to the Associate Dean within 30 working days from the charge to the committee. The Associate Dean will provide a copy of the committee's written decision to the student regarding the case within 10 working days of receiving the committee's report; the Associate Dean will also confirm that the past record on file of any grievances regarding the parties involved has been investigated; and, the Associate Dean will provide the student a statement outlining the formal plan of steps that will be taken officially on the part of the Nelson Institute.

7. The complainant then has the option of taking their grievance to the university level. There are several options available. Consult websites referenced above.
8. The written documents relevant to the grievance will be archived in hard copy and electronic form as appropriate in a "Grievance Record" by the office of the Assistant Dean of Administration and will be maintained for a minimum of five years.
9. The cumulative record involving any of the parties to a grievance will be reviewed each time a formal grievance is presented as in Step 4, above, in order to determine whether the pattern of grievance, such as past filings, indicates any actions are warranted.

OTHER

n/a

PROFESSIONAL DEVELOPMENT

PROFESSIONAL DEVELOPMENT GRADUATE SCHOOL RESOURCES

Take advantage of the Graduate School's professional development resources (<https://grad.wisc.edu/pd/>) to build skills, thrive academically, and launch your career.

LEARNING OUTCOMES

LEARNING OUTCOMES

1. Expand their knowledge of the physical, chemical, biological, and social sciences and learn how to apply this knowledge to the management of water resources.
2. Understand water resource decision-making at governance levels from local to national.
3. Use a wide range of analytical tools to sustainably manage water resources.
4. Participate in as well as lead interdisciplinary teams.

5. Orally and in writing communicate to stakeholders the findings and recommendations of interdisciplinary projects.
6. Have an understanding of professional and ethical responsibility.