

# FORESTRY, MS

The Department of Forest and Wildlife Ecology offers graduate education and training in a number of areas leading to the master of science and/or the doctor of philosophy in forestry or wildlife ecology. The program takes pride in its outstanding research reputation and the success of graduates working throughout the world. The wildlife ecology program was founded by Aldo Leopold in 1939 and has maintained his vision and legacy of excellence in current research and graduate training activities. Leopold's career spanned two professions, forestry and wildlife conservation, so the program strives to maintain excellence in both fields.

Master's and doctoral work in forestry is offered in the following areas: forest ecology, silviculture, forest ecosystem analysis and management, landscape ecology and planning, forest stand dynamics, forest restoration ecology, tree physiology, remote sensing of forests and natural resources, natural resource policy, social forestry, forest management, ecosystem services, and economics of forests and natural resources.

## ADMISSIONS

### ADMISSIONS

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	May 31 for international applicants; August 1 for domestic applicants
Spring Deadline	October 1 for international applicants; December 1 for domestic applicants
Summer Deadline	February 1
GRE (Graduate Record Examinations)	Not required.
English Proficiency Test	Refer to the Graduate School: Minimum Requirements for Admission policy: <a href="https://policy.wisc.edu/library/UW-1241">https://policy.wisc.edu/library/UW-1241</a> ( <a href="https://policy.wisc.edu/library/UW-1241/">https://policy.wisc.edu/library/UW-1241/</a> ).
Other Test(s) (e.g., GMAT, MCAT)	n/a
Letters of Recommendation Required	3

The Graduate School sets minimum requirements for admissions (<https://grad.wisc.edu/admissions/requirements/>). Academic program admission requirements are often more rigorous than those set by the Graduate School. Please check the

program's website ([https://forestandwildlifeecology.wisc.edu/academics/21417982244\\_4e0823cb05\\_k/application-process/](https://forestandwildlifeecology.wisc.edu/academics/21417982244_4e0823cb05_k/application-process/)) for details.

Applicants are strongly encouraged to reach out to program faculty before applying. Admittance depends on appropriate fit within a research lab and the faculty member's ability to fund a graduate student throughout their degree program.

### APPLICATION CHECKLIST

- Graduate School Application Form and Application Fee**
  - All applicants must complete the Graduate School's online application: <https://grad.wisc.edu/apply/>.
- Supplementary Application**
  - Applicants must submit the Forestry supplementary application, which will appear as part of the Graduate School's electronic application once the applicant selects Forestry.
- Resume or CV**
  - Applicants must submit resume or CV electronically through the online application.
- Transcripts**
  - All applicants must upload an unofficial transcript (non-encrypted) in a PDF format to their online application.
    - If an applicant is recommended for admission, they will be asked to submit an official transcript to the Graduate School; official transcripts are not to be mailed to the department.
    - Any school listed must have a transcript uploaded, otherwise the application will not be complete.
  - International academic records must be in the original language accompanied by an official English translation. Documents must be issued by the school with the official seal/stamp and an official signature.
  - The Department of Forest and Wildlife Ecology requires all applicants to have a BA/BS degree from an accredited institution.
  - A minimum undergraduate grade-point average of 3.0 (on a 4.0 scale) on the equivalent of the last 60 semester hours from the most recent bachelor's degree institution is required for regular admission. If an applicant has received a post-baccalaureate degree and the GPA for that degree is above a 3.0, then they may be admitted with full standing even if their undergraduate GPA does not meet the standards above.
- Statement of Purpose**
  - This should describe the applicant's graduate program objectives and career focus. Applicants are strongly encouraged to describe past research experiences in their statement.
  - The statement of purpose should be around two pages in length.
- Three Letters of Recommendation**
  - These letters are preferably from people acquainted with the applicant's academic, research and/or professional qualifications.
  - Letters must be submitted online through the Graduate School's electronic format.
- English Proficiency Test Scores (if applicable - refer to table above)**

## 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

Additional information regarding funding for Forest and Wildlife Ecology graduate students is available on the departmental website ([https://forestandwildlifeecology.wisc.edu/academics/21417982244\\_4e0823cb05\\_k/current-employment-opportunities/](https://forestandwildlifeecology.wisc.edu/academics/21417982244_4e0823cb05_k/current-employment-opportunities/)).

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirements>) and policies (<https://guide.wisc.edu/graduate/#policies>), 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 30 credits  
Credit Requirement

Minimum 16 credits  
Residence Credit Requirement

Minimum 15 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <https://policy.wisc.edu/library/UW-1244> (<https://policy.wisc.edu/library/UW-1244/>).

Overall 3.00 GPA required.  
Graduate GPA Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: <https://policy.wisc.edu/library/UW-1203> (<https://policy.wisc.edu/library/UW-1203/>).

Other Grade n/a  
Requirements

Assessments and Examinations Students in the Forestry MS must complete certification paperwork to outline their coursework; and prepare, publicly present, and defend a thesis.

Language None.  
Requirements

### REQUIRED COURSES

The Forestry MS prescribes no specific graduate coursework due to the diversity of research areas available, and students select appropriate graduate-level coursework in consultation with their advisor and a graduate advisory committee.

However, there are still minimum requirements that need to be met by all Forestry MS students. Students must meet all UW Graduate School minimum credit and coursework requirements. All credits and coursework are selected in consultation with the student's major faculty advisor and committee. Student may use F&W ECOL 990 Research and Thesis credits toward these requirements.

Additional information and forms related to program-specific courses is available in the program handbook.

## 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 MS committee approval and academic affairs committee approval, students are allowed to transfer no more than 14 credits of graduate coursework from other institutions. Coursework earned ten or more

years prior to admission to a master's degree is not allowed to satisfy requirements.

### **Undergraduate Credits Earned at Other Institutions or UW-Madison**

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

### **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**

Refer to the Graduate School: Advisor (<https://policy.wisc.edu/library/UW-1232/>) and Graduate School: Committees (Doctoral/Master's/MFA) (<https://policy.wisc.edu/library/UW-1201/>) policies.

## **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)

### **College of Agricultural and Life Sciences: Grievance Policy**

In the College of Agricultural and Life Sciences (CALS), any student who feels unfairly treated by a member of the CALS faculty or staff has the right to complain about the treatment and to receive a prompt hearing. Some complaints may arise from misunderstandings or communication breakdowns and be easily resolved; others may require formal action. Complaints may concern any matter of perceived unfairness.

To ensure a prompt and fair hearing of any complaint, and to protect the rights of both the person complaining and the person at whom the complaint is directed, the following procedures are used in the College of Agricultural and Life Sciences. Any student, undergraduate or graduate, may use these procedures, except employees whose complaints are covered under other campus policies.

1. The student should first talk with the person at whom the complaint is directed. Most issues can be settled at this level. Others may be resolved by established departmental procedures.
2. If the student is unsatisfied, and the complaint involves any unit outside CALS, the student should seek the advice of the dean or director of that unit to determine how to proceed.
  - a. If the complaint involves an academic department in CALS the student should proceed in accordance with item 3 below.
  - b. If the grievance involves a unit in CALS that is not an academic department, the student should proceed in accordance with item 4 below.
3. The student should contact the department's grievance advisor within 120 calendar days of the alleged unfair treatment. The departmental administrator can provide this person's name. The grievance advisor will attempt to resolve the problem informally within 10 working days of receiving the complaint, in discussions with the student and the person at whom the complaint is directed.
  - a. If informal mediation fails, the student can submit the grievance in writing to the grievance advisor within 10 working days of the date the student is informed of the failure of the mediation attempt by the grievance advisor. The grievance advisor will provide a copy to the person at whom the grievance is directed.
  - b. The grievance advisor will refer the complaint to a department committee that will obtain a written response from the person at whom the complaint is directed, providing a copy to the student. Either party may request a hearing before the committee. The grievance advisor will provide both parties a written decision within 20 working days from the date of receipt of the written complaint.
  - c. If the grievance involves the department chairperson, the grievance advisor or a member of the grievance committee, these persons may not participate in the review.
  - d. If not satisfied with departmental action, either party has 10 working days from the date of notification of the departmental

committee action to file a written appeal to the CALS Equity and Diversity Committee. A subcommittee of this committee will make a preliminary judgement as to whether the case merits further investigation and review. If the subcommittee unanimously determines that the case does not merit further investigation and review, its decision is final. If one or more members of the subcommittee determine that the case does merit further investigation and review, the subcommittee will investigate and seek to resolve the dispute through mediation. If this mediation attempt fails, the subcommittee will bring the case to the full committee. The committee may seek additional information from the parties or hold a hearing. The committee will present a written recommendation to the dean who will provide a final decision within 20 working days of receipt of the committee recommendation.

4. If the alleged unfair treatment occurs in a CALS unit that is not an academic department, the student should, within 120 calendar days of the alleged incident, take his/her grievance directly to the Associate Dean of Academic Affairs. The dean will attempt to resolve the problem informally within 10 working days of receiving the complaint. If this mediation attempt does not succeed the student may file a written complaint with the dean who will refer it to the CALS Equity and Diversity Committee. The committee will seek a written response from the person at whom the complaint is directed, subsequently following other steps delineated in item 3d above.

## 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. Articulates, critiques, and elaborates the theories, research methods, and approaches to inquiry in the field of forest science.
2. Identifies sources and assembles evidence pertaining to questions or challenges in the field of forest science.
3. Demonstrates understanding of the field of forest science in a historical, social, and global context.
4. Evaluates and synthesizes information pertaining to questions or challenges in the field of forest science.
5. Selects and utilizes the most appropriate methodologies and practices.
6. Communicates clearly in ways appropriate to the field of forest science.