FORESTRY, M.S.

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

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) for details.

GRADUATE SCHOOL ADMISSIONS

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

FUNDING

GRADUATE SCHOOL RESOURCES

Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid. Further funding information (https://grad.wisc.edu/funding) is available from the Graduate School. Be sure to check with your program for individual policies and processes 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).

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

MAJOR REQUIREMENTS

MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Mode of Instruction Definitions</th>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
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</thead>
<tbody>
<tr>
<td>Evening/Weekend: These programs are offered in an evening and/or weekend format to accommodate working schedules. Enjoy the advantages of on-campus courses and personal connections, while keeping your day job. For more information about the meeting schedule of a specific program, contact the program.</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Online: These programs are offered primarily online. Many available online programs can be completed almost entirely online with all online programs offering at least 50 percent or more of the program work online. Some online programs have an on-campus component that is often designed to accommodate working schedules. Take advantage of the convenience of online learning while participating in a rich, interactive learning environment. For more information about the online nature of a specific program, contact the program.</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Hybrid: These programs have innovative curricula that combine on-campus and online formats. Most hybrid programs are completed on-campus with a partial or completely online semester. For more information about the hybrid schedule of a specific program, contact the program.</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Accelerated: These on-campus programs are offered in an accelerated format that allows you to complete your program in a condensed time-frame. Enjoy the advantages of on-campus courses with minimal disruption to your career. For more information about the accelerated nature of a specific program, contact the program.</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

CURRICULAR REQUIREMENTS

| Minimum Credit Requirement | 30 credits |
| Minimum Residence Credit Requirement | 16 credits |
| Minimum Graduate Coursework Requirement | Half of degree coursework (15 credits out of 30 total credits) must be completed graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university’s Course Guide (https://registrar.wisc.edu/course-guide/). |
| Overall Graduate GPA Requirement | 3.00 GPA required. |
The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.

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

Language
Contact the program for information on any language requirements.

REQUIRED COURSES
The Forestry M.S. 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 some minimum requirements that need to be met by all Forestry M.S. students. Students must complete a total of 30 credits include at least one professional development seminar and one graduate-level seminar. The rest of the credits and course work in selected in consultation with the majors 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 (https://forestandwildlifeecology.wisc.edu/academics/21417982244_4e0823cb05_k/forestry-handbook).

POLICIES

GRADUATE SCHOOL POLICIES
The Graduate School’s Academic Policies and Procedures (https://grad.wisc.edu/acadpolicy) provide essential information regarding general university policies. Program authority to set degree policies beyond the minimum required by the Graduate School lies with the degree program faculty. Policies set by the academic degree program can be found below.

MAJOR-SPECIFIC POLICIES

GRADUATE PROGRAM HANDBOOK
The Graduate Program Handbook (https://forestandwildlifeecology.wisc.edu/academics/21417982244_4e0823cb05_k/forestry-handbook) is the repository for all of the program’s policies and requirements.

PRIOR COURSEWORK

Graduate Work from Other Institutions
With M.S. committee approval and academic affairs committee approval, students are allowed to count no more than 14 credits of graduate coursework from other institutions. Coursework earned five or more years prior to admission to a master’s degree is not allowed to satisfy requirements.

UW–Madison Undergraduate
Students may count up to 7 credits of coursework numbered 300 level or above upon approval of the M.S. committee and the academic affairs committee. Coursework earned five or more years prior to admission to a master’s degree is not allowed to satisfy requirements.

UW–Madison University Special
With M.S. committee approval and academic affairs committee approval, students are allowed to count no more than 15 credits of coursework numbered 300 or above taken as a UW–Madison Special student. Coursework earned five or more years prior to admission to a master’s degree is not allowed to satisfy requirements.

PROBATION
The Graduate School regularly reviews the record of any student who earned grades of BC, C, D, F, or Incomplete in a graduate course (300 or above), or grade of U in research credits. This review could result in academic probation with a hold on future enrollment or in being suspended from the Graduate School.

ADVISOR / COMMITTEE
Every graduate student is required to have an advisor. To ensure that students are making satisfactory progress toward a degree, the Graduate School expects them to meet with their advisor on a regular basis.

An advisor generally serves as the thesis advisor. In many cases, an advisor is assigned to incoming students. Students can be suspended from the Graduate School if they do not have an advisor. An advisor is a faculty member, or sometimes a committee, from the major department responsible for providing advice regarding graduate studies.

A committee often accomplishes advising for the students in the early stages of their studies.

CREDITS PER TERM ALLOWED
15 credits

TIME CONSTRAINTS
Master’s degree students who have been absent for five or more consecutive years lose all credits that they have earned before their absence. Individual programs may count the coursework students completed prior to their absence for meeting program requirements; that coursework may not count toward Graduate School credit requirements.

OTHER
The department does not routinely accept new graduate students into the program unless they meet all admission requirements. In the vast majority of cases, students will only be admitted when: financial support for the student is currently in the hands of a faculty member; funding is assured by the time a student begins; or a student brings independent funding and has contacted a faculty member who agrees to serve as advisor.
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

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.

PEOPLE

PROFESSORS
Bowe, Scott
Drake, David
Karasov, William
Kruger, Eric
Mladenoff, David
Radeloff, Volker
Ribic, Christine
Rickenbach, Mark (chair)
Samuel, Michael
Stanosz, Glen
Townsend, Philip
Van Deelen, Timothy

ASSOCIATE PROFESSORS
Lutz, R. Scott
Ozdogan, Mutlu
Pauli, Jonathan
Peery, M. Zach
Pidgeon, Anna
Rissman, Adena

ASSISTANT PROFESSORS
Johnston, Craig
Zuckerberg, Benjamin

AFFILIATED AND ADJUNCT FACULTY
Alix-Garcia, Jennifer (Agriculture and Applied Economics)
Allison, R. Bruce (adjunct)
Balster, Nick (Soil Science)
Lindroth, Richard (Entomology)

Marin-Spiotta, Erika (Geography)
Meine, Curt (adjunct)
Meyer, Michael (adjunct)
Raffa, Kenneth (Entomology)
Santana-Castellon, Eduardo (adjunct)

FACULTY ASSOCIATE
Berkelman, James