AGROECOLOGY, MS

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>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>34 credits</td>
</tr>
<tr>
<td>Minimum Residence Credit Requirement</td>
<td>16 credits</td>
</tr>
<tr>
<td>Minimum Graduate Coursework Requirement</td>
<td>23 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <a href="https://policy.wisc.edu/library/UW-1244">https://policy.wisc.edu/library/UW-1244</a> (<a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a>). Please refer to Agroecology Learning Plans.</td>
</tr>
<tr>
<td>Overall Graduate GPA Requirement</td>
<td>3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: <a href="https://policy.wisc.edu/library/UW-1203">https://policy.wisc.edu/library/UW-1203</a> (<a href="https://policy.wisc.edu/library/UW-1203/">https://policy.wisc.edu/library/UW-1203/</a>).</td>
</tr>
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</table>

Other Grade Requirements: Students must earn a B or above in all core curriculum coursework.

Assessments and Examinations: The research pathway requires a formal thesis and public defense; the public practice pathway requires a comprehensive report and public presentation.

Language Requirements: No language requirements.

REQUIRED COURSES

Research Pathway

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGROECOL 720</td>
<td>Agroecology Field Study</td>
<td>1</td>
</tr>
<tr>
<td>AGROECOL 701</td>
<td>The Farm as Socio-Environmental Endeavor</td>
<td>3</td>
</tr>
<tr>
<td>AGROECOL 702</td>
<td>The Multifunctionality of Agriculture</td>
<td>3</td>
</tr>
<tr>
<td>AGROECOL 710</td>
<td>Agroecology Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Cross Training Electives: 12 credits

Students will select courses to fulfill their cross-training electives in the categories below. Per Graduate School requirements, at least 5 of the 12 cross training elective credits must be from UW-Madison courses numbered 700 or above OR UW-Madison courses numbered 300–699 that have the Grad 50% attribute. By time of graduation, the student will have taken courses in:

**Ecology**

The following are examples of courses in this category:

- BOTANY/F&W ECOL/ ZOOLOGY 460: General Ecology
- ENVIR ST 506: Modeling and Analysis of Environmental Systems
- AGRONOMY/BOTANY/SOIL SCI 370: Grassland Ecology

**Social Science**

The following are examples of courses in this category:

- CE SOC or A A E courses on food systems, agricultural technology, the agricultural environment, or agricultural policy

**Data Analysis**

The following are examples of courses in this category:

- Graduate-level GIS, statistics, or qualitative methods course

**Agricultural Science**

The following are examples of courses in this category:

- AGRONOMY 300: Cropping Systems
- SOIL SCI 301: General Soil Science

**Research and Thesis**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGROECOL 990</td>
<td>Research</td>
<td>12</td>
</tr>
</tbody>
</table>

Total Credits: 34

1 These pathways are internal to the program and represent different curricular paths a student can follow to earn this degree. Pathway names do not appear in the Graduate School admissions application, and they will not appear on the transcript.
The AGROECOL 710 Agroecology Seminar is offered both fall and spring semester for 1 credit. Students are encouraged to enroll every semester, but must complete at least 3 credits.

### Public Practice Pathway

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<tr>
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<td>3</td>
</tr>
</tbody>
</table>

### Cross Training Electives

Students will select courses to fulfill their cross-training electives in each of the four categories below. Per Graduate School requirements, at least 11 of the 18 cross-training elective credits must be UW–Madison courses numbered 700 or above OR UW–Madison courses numbered 300–699 that have the Grad 50% attribute. By time of graduation, the student will have taken courses in:

#### Ecology

The following are examples of courses in this category:

- BOTANY/ F&W ECOL/ ZOOLOGY 460: General Ecology
- ENVIR ST 506: Modeling and Analysis of Environmental Systems
- AGRONOMY/ BOTANY/ SOIL SCI 370: Grassland Ecology

#### Social Science

The following are examples of courses in this category:

- CE SOC or A A E courses on food systems, agricultural technology, the agricultural environment, or agricultural policy

#### Community Process

The following are examples of courses in this category:

- PUB AFFR/ POLI SCI/ URB R PL 874: Policy-Making Process
- URB R PL/A A E/ REAL EST 520: Community Economic Analysis
- URB R PL 814: Environmental and Alternative Dispute Resolution in Planning

#### Agricultural Science

The following are examples of courses in this category:

- AGRONOMY 300: Cropping Systems
- SOIL SCI 301: General Soil Science

#### Project

AGROECOL 990: Research

| Total Credits | 34 |

1 These pathways are internal to the program and represent different curricular paths a student can follow to earn this degree. Pathway names do not appear in the Graduate School admissions application, and they will not appear on the transcript.