AGROECOLOGY, M.S.

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

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Detail</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>34 credits</td>
<td></td>
</tr>
<tr>
<td>Minimum Residence Credit Requirement</td>
<td>16 credits</td>
<td></td>
</tr>
<tr>
<td>Minimum Graduate Coursework Requirement</td>
<td>23 out of 34 total credits must be completed in graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university’s Course Guide (<a href="https://public.my.wisc.edu/web/expanded/(https://public.my.wisc.edu/web/expanded/)">https://public.my.wisc.edu/web/expanded/(https://public.my.wisc.edu/web/expanded/)</a>). Please refer to Agroecology Learning Plans.</td>
<td></td>
</tr>
<tr>
<td>Overall Graduate GPA Requirement</td>
<td>3.00 GPA required.</td>
<td></td>
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</tbody>
</table>

Other Grade Requirements

Students must earn a B or above in all core curriculum coursework.

Assessments and Examinations

The research track requires a formal thesis and public defense; the public practice track requires a comprehensive report and public presentation.

Language Requirements

No language requirements.

REQUIRED COURSES

Research Track

<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 2</td>
<td>3</td>
</tr>
</tbody>
</table>

Cross Training Electives

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 electives must be from UW-Madison at the 700 level or above OR from UW-Madison courses in the 300-699 range that have the “graduate 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:

- C&E SOC or A AE 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
These tracks are internal to the program and represent different pathways a student can follow to earn this degree. Track 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.

<table>
<thead>
<tr>
<th>Public Practice Track</th>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Curriculum</td>
<td>AGROECOL 720</td>
<td>Agroecology Field Study</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>AGROECOL 701</td>
<td>The Farm as Socio-Environmental Endeavor</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AGROECOL 702</td>
<td>The Multifunctionality of Agriculture</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>AGROECOL 710</td>
<td>Agroecology Seminar</td>
<td>2</td>
</tr>
<tr>
<td>Cross Training Electives</td>
<td></td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

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 electives must be UW–Madison courses at the 700 level or above OR from UW–Madison courses in the 300-699 range that have the “graduate 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:

- C&E 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

<table>
<thead>
<tr>
<th>Project</th>
<th>AGROECOL 990</th>
<th>Research</th>
<th>6</th>
</tr>
</thead>
</table>

Total Credits 34

These tracks are internal to the program and represent different pathways a student can follow to earn this degree. Track 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.