

# AGROECOLOGY, MS

## 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 Credit Requirement	34 credits
Minimum Residence Credit Requirement	16 credits
Minimum Graduate Coursework Requirement	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.
Overall Graduate GPA Requirement	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> ).

**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<sup>1</sup>

Code	Title	Credits
<b>Core Curriculum</b>		
AGROECOL 720	Agroecology Field Study	1
AGROECOL 701	The Farm as Socio-Environmental Endeavor	3
AGROECOL 702	The Multifunctionality of Agriculture	3
AGROECOL 710	Seminar in Agroecology <sup>2</sup>	3

#### 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 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
AGROECOL 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
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#### Data Analysis

The following are examples of courses in this category:

Graduate-level GIS, statistics, or qualitative methods course
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#### Agricultural Science

The following are examples of courses in this category:

PLANTSCI 300	Cropping Systems
SOIL SCI 301	General Soil Science

#### Research and Thesis

AGROECOL 990	Research	12
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**Total Credits** **34**

<sup>1</sup> 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.

<sup>2</sup> The AGROECOL 710 Seminar in Agroecology 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<sup>1</sup>

Code	Title	Credits
<b>Core Curriculum</b>		
AGROECOL 720	Agroecology Field Study	1
AGROECOL 701	The Farm as Socio-Environmental Endeavor	3
AGROECOL 702	The Multifunctionality of Agriculture	3
AGROECOL 710	Seminar in Agroecology <sup>2</sup>	3
<b>Cross Training Electives</b>		
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:		18
<i>Ecology</i>		
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	
AGROECOL 370	Grassland Ecology	
<i>Social Science</i>		
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		
<i>Community Process</i>		
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	
<i>Agricultural Science</i>		
The following are examples of courses in this category:		
PLANTSCI 300	Cropping Systems	
SOIL SCI 301	General Soil Science	
<b>Project</b>		
AGROECOL 990	Research	6
<b>Total Credits</b>		<b>34</b>

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<sup>2</sup> The AGROECOL 710 Seminar in Agroecology is offered both fall and spring semester for 1 credit. Students are encouraged to enroll every semester, but must complete at least 3 credits.