

# AGROECOLOGY, M.S.

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), 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 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 (<https://public.my.wisc.edu/web/expanded> (<https://public.my.wisc.edu/web/expanded/>)). Please refer to Agroecology Learning Plans.

Overall Graduate GPA Requirement 3.00 GPA required.

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<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	Agroecology Seminar <sup>2</sup>	3
<b>Cross Training Electives</b>		<b>12</b>

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 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

AGROECOL 990 Research 12

#### Total Credits

**34**

1

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.

2

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 Track <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	Agroecology Seminar <sup>2</sup>	3
<b>Cross Training Electives</b>		<b>18</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 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

### Project

AGROECOL 990	Research	6
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**Total Credits** **34**

1

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.

2

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.