AGROECOLOGY (AGROECOL)

AGROECOL/AGRONOMY/C&E SOC/ENTOM/ENVIR ST 103 —
AGROECOLOGY: AN INTRODUCTION TO THE ECOLOGY OF FOOD AND
AGRICULTURE
3 credits.

Agroecology has blossomed across the world in recent decades as not
only a science, but also a practice, and a movement. Employ the multiple
disciplines and perspectives that Agroecology affords to analyze our
agricultural and food systems within a broader context of dynamic social
and ecological relationships. Enroll Info: None

Requisites: None
Course Designation: Breadth - Biological Sci. Counts toward the Natural
Sci req
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Sustain - Sustainability
Repeatable for Credit: No
Last Taught: Fall 2020

AGROECOL/AGRONOMY/DY SCI 371 — MANAGED GRAZING FIELD
STUDY
1-2 credits.

For those interested in developing a comprehensive understanding
of the principles, practices, and conservation potential of managed
grazing systems, and how these farming systems may contribute to the
sustainability and diverse tapestry of Wisconsin’s working landscape.
Visit managed grazing systems of successful grazing-based farmers
(graziers) across southern/central counties in Wisconsin, and/or research
sites at UW’s Arlington and/or Lancaster Research Stations and/or the
Discovery Farms Program. An opportunity to discuss at length with
farm managers and researchers the practices in place at each farm and
research site. Includes introduction to UWEX pasture forage/nutrient
management planning and budgeting software. Enroll Info: None

Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework
requirement
Sustain - Sustainability
Repeatable for Credit: No
Last Taught: Fall 2017

AGROECOL 400 — STUDY ABROAD IN AGROECOLOGY
1-6 credits.

Provides an area equivalency for courses taken on Madison Study Abroad
Programs that do not equate to existing UW courses. Enroll Info: Current
enrollment in a UW-Madison study abroad program
Requisites: None
Repeatable for Credit: Yes, unlimited number of completions

AGROECOL 699 — SPECIAL PROBLEMS
1-3 credits.

Scholarship on special topics, under the supervision of an agroecology
faculty member. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2020

AGROECOL 701 — THE FARM AS SOCIO-ENVIRONMENTAL ENDEAVOR
3 credits.

Farms may be analyzed as intentional entities shaped by the contexts in
which they must operate. This course explores how these biophysical and
social contexts both exert constraints and provide opportunities, leading
to the diversity of farms observed. Enroll Info: None

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework
requirement
Sustain - Sustainability
Repeatable for Credit: No
Last Taught: Fall 2020

AGROECOL 702 — THE MULTIFUNCTIONALITY OF AGRICULTURE
3 credits.

Agroecology systems provide a variety of social, economic, and
ecological functions to society, each with a different network of
stakeholders. This course explores methods of evaluating these diverse
functions and perspectives, with a special focus on participatory
approaches. Enroll Info: Cons inst

Requisites: Enrollment limited to Agroecology Majors. All others must
seek instructor consent.
Course Designation: Grad 50% - Counts toward 50% graduate coursework
requirement
Sustain - Sustainability
Repeatable for Credit: No
Last Taught: Spring 2020

AGROECOL 710 — AGROECOLOGY SEMINAR
1 credit.

Weekly seminar on topics in agroecology. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework
requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2020
AGROECOL 720 — AGROECOLOGY FIELD STUDY
1-3 credits.

Field study of farms, processing, marketing, distribution, and policymaking in the food system. Courses will be several days of visits, discussions with the operators, and student-faculty discussion sections. Presentations or written reports may be required. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Sustain - Sustainability
Repeatable for Credit: No
Last Taught: Fall 2020

AGROECOL/AGRONOMY/ENVIR ST 724 — AGROECOSYSTEMS AND GLOBAL CHANGE
3 credits.

Impacts of global change drivers (climate change, atmospheric chemistry, bioenergy, urbanization, policy) on agroecosystems and their associated goods and services; environmental impacts of agricultural land use and feedbacks to climate; modeling approaches; critical review of current scientific literature. Enroll Info: None
Requisites: (ZOOLOGY/BIOLOGY/BOTANY 152 or ZOOLOGY/BOTANY/ENVIR ST 260) and (PHYSICS 103 or CHEM 103, 109 or 115); or graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Sustain - Sustainability
Repeatable for Credit: No
Last Taught: Fall 2019

AGROECOL 875 — TOPICS IN AGROECOLOGY
1-3 credits.

This course number provides for opportunities to develop and test possible new courses, or to accommodate visiting scholars who may wish to offer a course. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2018

AGROECOL 990 — RESEARCH
1-12 credits.

Independent research on the student's thesis or degree project. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2020