



A A E 343 section 001 Syllabus

Environmental Economics

COURSE INFORMATION

Environmental Economics
A A E 343 001 (3-4 Credits)
2020 Spring (1204) [1204]

Description

Microeconomic principles underlying the use of natural resources such as air, water, forests, fisheries, minerals and energy. These principles are applied in the examination of pollution control, preservation vs. development, deforestation, and other environmental issues. Enroll Info: None

Prerequisite(s)

A A E 215, ECON 101, or 111

Breadths

S - Social Science

Instruction Mode

Classroom Instruction

Section Level Com B

False

Department: AGRICULTURAL AND APPLIED ECON

College: Agriculture and Life Sciences

Canvas Course URL

<https://canvas.wisc.edu/>



2020 Spring (1204) [1204]

Term Start Date: Tuesday, 21-Jan-2020 **Term End Date:** Monday, 1-Jun-2020

Location and Schedule: Plant Sciences 108 TR 11:00 AM-12:15 PM

CRN: 108007290

How the Credit Hours are Met

This class meets for two 75-minute class periods plus a single laboratory or discussion session each week over the semester and carries the expectation that students will work on course learning activities (reading, writing, problem sets, studying, etc) for about 3 hours out of the classroom for every class period. The syllabus includes more information about meeting times and expectations for student work.

INSTRUCTORS AND TEACHING ASSISTANTS

Instructor



Corbett GRAINGER

[✉ CORBETT.GRAINGER@WISC.EDU](mailto:CORBETT.GRAINGER@WISC.EDU)

Instructor Availability

Monday 3:00-5:00, or by appointment.

Taylor Hall 412

Cancellation of office hours will be announced on Canvas.

TA Office Hours

Teaching Assistant: Mingcong Pan (mingcong.pan@wisc.edu)

Office Hours: Thursdays 1:20 PM to 3:20 PM

Location: Taylor Hall 305

GRADING AND COURSE MATERIALS

Course Learning Outcomes (CLOs)

- 1 Understand why environmental problems occur in a market-based economy.
[S18764]

- 2 Identify market-based environmental policies to address market failures.
[S18765]

- 3 Demonstrate knowledge about the tradeoffs in determining the socially-optimal level of environmental damages.
[S18766]

- 4 Evaluate the efficiency of natural resource use.
[S18767]

Grading

The grade will be based on the following weights:

- 20% Midterm Exam 1
- 20% Midterm Exam 2
- 30% Final Exam
- 30% Homework

When calculating the homework grade for the course, each student's lowest individual assignment grade will be dropped.

Discussion Sessions

Each student is assigned a discussion session that will be led by the Teaching Assistant. The purpose of these sessions is to reinforce concepts from class, discuss how to solve relevant problems, and to review for exams (when time allows).

Required Textbook, Software, & Other Course Materials

The required textbook for this class is

Keohane, N.O. and S.M. Olmstead. 2016. Markets and the Environment. Island Press. Second Edition.

Other required readings will be made available on Canvas.

EXAMS, QUIZZES, PAPERS & OTHER MAJOR GRADED WORK

Exams, Quizzes, Papers & Other Major Graded Work

Tentative Midterm Exam Dates:

Tuesday, March 3 (in class)

Tuesday, April 7 (in class)

The final exam will be cumulative and will be given on Thursday, May 7th, 2:45-4:45. The location will be announced.

For the exams you may use a non-programmable calculator. No notes, books, or other electronic devices will be allowed. Exams will be given only at

the assigned time; if you know that you will be missing an exam due to extraordinary circumstances, contact Professor Grainger in advance to make alternative arrangements.

Homework & Other Assignments

Assignments will be announced in class and on Canvas, and they will be due at the beginning of class. Unless stated otherwise, hard copies of assignments must be turned in before the lecture on the due date. Late assignments will not be accepted. The lowest homework grade will be dropped when calculating the homework portion of the course grade.

You are encouraged to discuss homework with classmates, but the work you submit must represent your own work and understanding of the materials.

OTHER COURSE INFORMATION

Other Course Information

The schedule for readings, lecture topics, and homework will be posted on Canvas.

ACADEMIC POLICIES



ACADEMIC INTEGRITY

By enrolling in this course, each student assumes the responsibilities of an active participant in UW-Madison's community of scholars in which everyone's academic work and behavior are held to the highest academic integrity standards. [Academic misconduct](#) compromises the integrity of the university. Cheating, fabrication, plagiarism, unauthorized collaboration, and helping others commit these acts are examples of academic misconduct, which can result in disciplinary action. This includes but is not limited to failure on the assignment/course, disciplinary probation, or suspension. Substantial or repeated cases of misconduct will be forwarded to the Office of Student Conduct & Community Standards for additional review.



ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

McBurney Disability Resource Center syllabus statement: "The University of Wisconsin-Madison supports the right of all enrolled students to a full and equal educational opportunity. The Americans with Disabilities Act (ADA), Wisconsin State Statute (36.12), and UW-Madison policy (Faculty Document 1071) require that students with disabilities be reasonably accommodated in instruction and campus life. Reasonable accommodations for students with disabilities is a shared faculty and student responsibility. Students are expected to inform faculty [me] of their need for instructional accommodations by the end of the third week of the semester, or as soon as possible after a disability has been incurred or recognized. Faculty [I], will work either directly with the student [you] or in coordination with the McBurney Center to identify and provide reasonable instructional accommodations. Disability information, including instructional accommodations as part of a student's educational record, is confidential and protected under FERPA."



DIVERSITY & INCLUSION

Institutional statement on diversity: "Diversity is a source of strength, creativity, and innovation for UW-Madison. We value the contributions of each person and respect the profound ways their identity, culture, background, experience, status, abilities, and opinion enrich the university community. We commit ourselves to the pursuit of excellence in teaching, research, outreach, and diversity as inextricably linked goals."

The University of Wisconsin-Madison fulfills its public mission by creating a welcoming and inclusive community for people from every background – people who as students, faculty, and staff serve Wisconsin and the world."



RELIGIOUS OBSERVANCES

UW faculty policy states that mandatory academic requirements should not be scheduled on days when religious observances may cause substantial numbers of students to be absent. Refer to the university's [Academic Calendar](#) for specific information.