

A A E 244 section 001

The Environment and the Global Economy

COURSE INFORMATION

The Environment and the Global Economy

A A E 244 001 (4 Credits)

2022 Fall [1232]

Description

The "economic way of thinking" about global and regional environmental issues. Topics include climate change, biodiversity preservation, ocean fisheries, environmental impacts of international trade, poverty and the environment, and sustainability.

Prerequisite(s)

None

Breadths

S - Social Science

Instruction Mode

Classroom Instruction

Section Level Com B

False

Department: Agricultural and Applied Econ

College: Agricultural and Life Sciences



2022 Fall [1232]

Term Start Date: Tuesday, 24-May-2022 **Term End Date:** Sunday, 25-Dec-2022

 **ADD TO CALENDAR**

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

CRN: 289921232

How Credit Hours are Met:

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The credit standard for this course is met by an expectation of a total of 180 hours of student engagement with the courses learning activities (45 hours per credit), which include regularly scheduled instructor:student meeting times, discussion section meetings, reading, writing, problem sets, exams, and other student work as described in the syllabus.

INSTRUCTORS AND TEACHING ASSISTANTS (TAs)

Instructor



Corbett GRAINGER

✉ CORBETT.GRAINGER@WISC.EDU

Instructor Availability and Preferred Contact:

Prof. Corbett Grainger

Office Hours: Mondays 1:00-3:00,

Office: Taylor Hall 412

Email: corbett.grainger@wisc.edu

Please use email judiciously!

TA Availability and Preferred Contact :

Nguyen Vuong

Office Hours: Thursdays, 12:30-2:30

Office: 522 Taylor Hall

Email: nguyen.vuong@wisc.edu

COURSE OUTCOMES, GRADING, and OTHER COURSE MATERIALS

Course Learning Outcomes (CLOs):



Explain the social, economic, and/or environmental dimensions of the sustainability challenges of balancing healthy global economies with environmental quality.



Use appropriate tools to analyze how governmental policies affect the use and conservation of natural resources.



Demonstrate knowledge of economic concepts to think critically about relationships between economic activity and global environmental challenges ranging from climate change to biodiversity loss.



Analyze the causes of and solutions for the sustainability challenges of maintaining environmental quality and healthy economies.



Grading:

A student's course grade is determined by the following weights:

20% Homework
20% Midterm 1
20% Midterm 2
40% Final Exam

The homework grade will be the average of all homework assignments after dropping the lowest assignment score from the calculation.

Grades will follow the following distribution, but the instructor may revise the cutoffs downward (i.e. grade on a more generous "curve").

A $\geq 92\%$
AB 88-91.99%
B 82-87.99%
BC 78-81.99%
C 72-77.99%
D 68-71.99%
F $< 68\%$

Attendance is not graded directly, but students are expected to understand all material discussed in class and section and exams will reflect material from class.

Course Website, Learning Management System and Digital Instructional Tools:

Class Updates, Announcements, Assignments, and other materials will be posted on Canvas.

Discussion Sessions:

Discussion sections, led by the Teaching Assistant, will cover course material in smaller groups.

Required Textbook, Software, & Other Course Materials:

There is no required textbook for this class. Required readings will be posted on Canvas.

For students with no economics background, "Principles of Microeconomics" by Greg Mankiw may be useful.

There are also excellent primers for many topics on https://www.env-econ.net/environmental_economics_1.html

Homework & Other Assignments:

Homework assignments will be announced in class and posted on Canvas. Assignments should be turned in electronically by the time indicated. Late work, as a general rule, will not be accepted, but if there are extenuating circumstances please contact the Professor and/or TA. Your overall homework component for your class grade will be calculated as the average of all assignments, but we drop the lowest assignment grade for each student.



EXAMS, QUIZZES, PAPERS & OTHER MAJOR GRADED WORK

Exams, Quizzes, Papers & Other Major Graded Work:

Midterm 1: In Class, **October 13th**.

Midterm 1: In Class, **November 10**.

Final Exam (scheduled by the Registrar): **12/16/22**, 12:25-2:25, location TBD.

ADDITIONAL COURSE INFORMATION AND ACADEMIC POLICIES



Syllabus Statements

<https://guide.wisc.edu/courses/#SyllabusStatements>

