

ECON 2100 (CRN 13200): Economics of Environmental Quality
Fall 2022
Fully In-person course (no Zoom option or lecture video recordings)

This syllabus outlines the policies and expectations for this course. Students are responsible for reading and following it.

Instructor: Dinkar Kuchibhotla

Email: dkuchibhotla@uga.edu; please adhere to the following or communication may be delayed:

1. Use only your UGA Email account.
2. Write "ECON 2106" and your concern in the subject line.
3. Read this syllabus before emailing me; many questions are answered here.
Email is not a substitute for lectures or office hours.
4. Any email received after Friday(2PM) and on weekends will be answered the following week.

Class Location: Miller Learning Center, Room 102

Class Meeting Times: M, W, F- 3:00 PM-3:50 PM Eastern time (**Face masks optional**)

Office Location: Correll 318D

Office Hours: M, W: 9:00 AM-10:00 AM Eastern time (For an occasional exception, email for appointment) in person or via Zoom link (<https://zoom.us/my/dkuch>).

1. Office hours are not a substitute for class lectures and as such are not meant for intensive instructional purposes.
2. I am willing to help you provided you first show me that you have made an effort to work on the material (I will ask to see the notes you took in class)

Course Prerequisites:

(ECON 2105 or ECON 2105E or ECON 2105H) and (ECON 2106 or ECON 2106E or ECON 2106H)

Course Description:

The economic analysis of environmental issues, with discussions of current environmental quality problems, their underlying causes, and command vs. market-based solutions.

Course Expectations:

You will need to regularly attend lectures, take notes, diligently read the relevant chapters in the text and thoughtfully attempt assignments. Economics is inherently cumulative and analytical in nature (rote memorization will not work).

I do not accommodate requests asking me to deviate from the standards set forth on my syllabus. If you must miss class, please obtain notes from another student. I will help students who attend lectures outside of class, but I do not re-lecture material during office hours because of absence.

Required Materials:

Text: Environmental Economics and Management: Theory, Policy, and Applications, 6th edition.

Authors: Callan and Thomas, The e-book can be rented from the publisher's website: <https://www.cengage.com/c/environmental-economics-and-management-theory-policy-and-applications-6e-callan/9781111826673PF/?searchIsbn=9781285413907>

eLC: Announcements, supplemental readings, etc.

Grade Distribution: (I don't use the +/- scale)

A: 90% and above

B: 80% - <90%

C: 70% - <80%

D: 60% - <70%

F: Less than 60%

Assessment: Your final (letter) grade is determined by your performance on the following assessments.

Assessment*	Weight
Exams 1 & 2	50% (25%x2)
Final Exam (cumulative)	35%
Homework	15%
<i>Total</i>	100%

* I don't offer extra credit.

Exams:

There will be a total of three exams including the final. As I don't drop your lowest score you nor do I replace your lowest score with your final exam score, you should do as well as you can on each exam.

No make-up exams or alternative exam dates or times will be offered. If you miss an exam due to a documented illness or emergency, the weight of that exam will be applied to the final exam. Documentation of circumstances will be required **ASAP** (I will allow up to 14 calendar days for reporting serious medical emergencies). Disciplinary action will follow in case any student attempts to gain advantage by abusing the policy. If you take a test, you may not later choose to "drop" the grade if you are unhappy with it.

DO NOT plan to travel, enroll in internships or make other commitments that conflict with exam dates.

All exams will take place via eLC. All exams will be “open book” in the sense that you may refer to the textbook or any course resource posted on eLC. You may use a calculator for numerical calculations. However, your performance should reflect only your own work. Students are not permitted to work together or with anyone else. You may not share answers.

Exam	Date
Exam 1	9/30 (50 minutes during class time)
Exam 2	11/09 (50 minutes during class time)
Final Exam*	12/9 (75 minutes starts @ 3:30PM)

* Final Exam date and time are scheduled by University Registrar.

Homework:

A limited number of homework assignments will be given through eLC. Each student must complete and submit each homework assignment on eLC. Students may confer with each other while working on homework assignments. Due dates for each homework will be announced in due course of time. Assignments are due by 11:59 PM Eastern time on the due date.

Course Outline:

- Ch. 1 – The Role of Economics in Environmental Management
- Ch. 2 – Modeling the Market Process: A Review of the Basics
- Ch. 3 – Modeling Market Failure
- Ch. 4 – Conventional Solutions: Command-and-Control Approach
- Ch. 5 – Economic Solutions: Market Approach

Test 1

- Ch. 13 – Global Air Quality: Policies for Ozone Depletion and Climate Change

- Ch. 7 – Assessing Benefits for Environmental Decision Making
- Ch. 8 – Assessing Costs for Environmental Decision Making
- Ch. 9 – Benefit-Cost Analysis in Environmental Decision Making
- Ch. 10 – Defining Air Quality: The Standard-Setting Process
- Ch. 11 – Improving Air Quality: Controlling Mobile Sources

Test 2

- Ch. 12 – Improving Air Quality: Controlling Stationary Sources
- Ch. 14 – Defining Water Quality: The Standard-Setting Process
- Ch. 15 – Improving Water Quality: Controlling Point and Nonpoint Sources

Ch. 20 – Sustainable Development

Ch. 21 – Industrial Ecology and Pollution Prevention

Final Exam

Tutoring:

The Division of Academic Enhancement (DAE) offers free peer *tutoring* in over 200 of UGA's most rigorous courses including writing *tutoring*. To engage with a Peer Tutor, download the Penji app, available on iOS and Android, and sign in through SSO using your MyID. Need help? Visit [*their website*](#) for more information on how to engage with a Peer Tutor or email us at tutor@uga.edu.

Environmental Awareness Policy Criteria:

To achieve the goals of the Environmental Awareness (EA) Requirement, every University of Georgia undergraduate student must acquire a basic understanding of:

- A. The interactions between human activity and the environment at local, regional, or global scales; OR
- B. The ethical, cultural, economic or political forces that affect environmental problems and policies.

This course satisfies the University of Georgia's Environmental Awareness Requirement.

Specifically, this course provides students with an understanding of the connections between environmental quality and the economic behavior of consumers, producers, and government at local, regional, and global scales. This course also provides students with an understanding of economic forces that affect environmental problems and policies that attempt to correct market failures associated with environmental quality.

UGA Student Honor Code:

"I will be academically honest in all of my academic work and will not tolerate academic dishonesty of others." A Culture of Honesty, the University's policy and procedures for handling cases of suspected dishonesty, can be found at www.uga.edu/ovpi.

The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.

Mental Health and Wellness Resources:

If you or someone you know needs assistance, you are encouraged to contact Student Care and Outreach in the Division of Student Affairs at 706-542-7774 or visit <https://sco.uga.edu>. They will help you navigate any difficult circumstances you may be facing by connecting you with the appropriate resources or services.

UGA has several resources for a student seeking mental health services (<https://www.uhs.uga.edu/bewelluga/bewelluga>) or crisis support (<https://www.uhs.uga.edu/info/emergencies>).

If you need help managing stress anxiety, relationships, etc., please visit BeWellUGA (<https://www.uhs.uga.edu/bewelluga/bewelluga>) for a list of FREE workshops, classes, mentoring, and health coaching led by licensed clinicians and health educators in the University Health Center. Additional resources can be accessed through the UGA App.

Students with Disabilities (DRC):

If you need classroom/testing accommodations for a disability, contact me outside of class and provide me with a memorandum of accommodation from the Disability Resource Center (DRC). Students can register for accommodation here https://drc.uga.edu/content_page/register-for-services. Acquiring documentation from DRC requires the following information https://drc.uga.edu/content_page/documentation-guidelines. These requests must be submitted to me at least 2 WEEKS in advance of your need. Any accommodation is final only after it is authorized by the instructor.