



EC/ENV 313-01-1
Contemporary Economic Issues
(Environmental Economics)
Fall 2018
Course Syllabus

Instructor: Dr. Guanlin Gao
Email: guanlin.gao@chaminade.edu
Phone: (808) 739-4609
Office: Kieffer Hall, Room 22

Class meets: TTh 2:30 PM-3:45 PM at Kieffer Hall Room 10
Office Hours: TTh 10:00-11:30 AM, 1:00-2:30 PM. Other time by appointment.

Course description: This course provides students an opportunity to develop skills at using economic analysis to understand and consider current issues and challenges facing our society. The focus of the course is on the environmental impact of economic decisions, but the frameworks and tools examined can be applied to a wide range of social issues.

Prerequisites: EC 202 or ENV 201/ ENV 201L.

Reference books: Barry Field & Martha Field, *Environmental Economics: An Introduction*, 7th edition. McGraw-Hill Education, 2016. ISBN 978-0-07-802189-3 (6th edition acceptable). Scott Callan & Janet Thomas, *Environmental Economics & Management: Theory, Policy, and Applications*, 6th edition. Cengage, 2013. ISBN 978-1-111-82667-3 (5th edition acceptable).

Journal articles and other supplemental reading materials will be posted on the Canvas course website. You are expected to complete the reading assignments ahead of each class.

Course objectives: By the end of the course, you will be able to

- describe the economic aspects of natural resource and environmental issues
- understand the economic justification for regulatory action in allocating, managing, and protecting the environment and natural resources
- apply analytical tools (rhetorical, graphical, and mathematical) to describe natural resource and environmental issues
- evaluate various solutions to natural resource and environmental problems
- apply the economic way of thinking to a wide range of social issues

Course Policies: Please see the following for our class policy. You are expected to act in a professional manner for this class. Class participation and collaboration are strongly encouraged.

1. **Email communication:** When emailing me, please include your name and class information in the email. Please expect a reply within 24 hours on weekdays and 48 hours on weekends.
2. **Course website:** You are responsible for checking our Canvas course webpage regularly. All the course materials, announcements, homework assignments, grades, etc. will be posted on the course webpage. Missing an announcement or email is not a valid reason for not completing any course requirement.
3. **Attendance:** You are expected to attend all classes. A sign-in sheet will be distributed in every class during the semester. Please make sure you sign in. However, I understand that sometimes the unexpected happens. Therefore, you are allowed three absences without penalty, other than missing the quiz, exam, or extra credit points for the day when you are absent. If you attend all the classes this semester, you will get 5 extra points in addition to the full attendance points. If you miss more than three classes without a valid reason*, there will be 3 points off for each class missed. If you must miss a class, it is your responsibility to catch up with the class material.

**You are expected to attend all classes and actively participate in all class activities, except that you have a valid reason* to miss a class. Valid reasons include medical situations, a death in your immediate family, athlete travels, mandatory court and military duty. In all these cases, you are required to submit written documentation ASAP. Being confused about the date or time of the class schedule, having non-refundable airplane tickets that conflict with class date and time, family vacation, etc. are not valid reasons for missing a class or an exam. If you must miss a class, please communicate with the professor as soon as possible. It is your responsibility to catch up with the class materials if you must miss a class.*

4. **Class etiquette:** You are expected to behave properly in class so as not to disrupt other students or the learning environment, including not talking or texting during lecture times, arriving on time and not leaving early, etc. If you must leave class early or arrive late for any reason, please let me know in advance.

Grading and Assignments: Your grade is composed of the following items:

- **Attendance:** 50 points (You will earn 5 bonus points if you attend all the classes of this semester.)
- **Homework and reading assignments:** 20 points each* 10 assignments = 200 points total
- **Service learning projects:** 150 points. More details will be announced in class.
- **Final project and presentation:** 200 points. More details will be announced in class.

Grading Scales:

Total Points	Letter Grade
≥ 540	A

480 - 539	B
420 - 479	C
360 - 419	D
≤ 359	F

Tentative topics:

- Week 1: The economic way of thinking
- Week 2: Externalities
- Week 3: Public Goods and Common Resources
- Week 4: Sustainability
- Week 5: Water
- Week 6: Fisheries
- Week 7*: Field trip/Service learning project (tentative)
- Week 8: Student presentations
- Week 9: Hawaii's invasive species
- Week 10: Forests
- Week 11: Air pollution
- Week 12: Climate change
- Week 13: Population issues
- Week 14: Energy
- Week 15: Student final projects
- Week 16: Student presentations

Note: This course schedule provides a general plan. Deviations may be necessary.

University Policies:

Marianist Values:

1. Educate for Formation in Faith
2. Provide an Integral Quality Education
3. Educate in Family Spirit
4. Educate for Service, Justice, and Peace
5. Educate for Adaptation and Change

WASC Core Competencies:

1. Written Communication
2. Oral Communication
3. Quantitative reasoning
4. Critical Thinking
5. Information Literacy

Academic Honesty Statement: Violations of the Honor Code are serious. They harm other students, your professor, and the integrity of the University. Alleged violations will be referred to the Office of Judicial Affairs. If found guilty of plagiarism, a student might receive a range of penalties, including failure of an assignment, failure of an assignment and withholding of the final course grade until a paper is turned in on the topic of plagiarism, failure of the course, or suspension from the University.

Violations of Academic Integrity: Violations of the principle include, but are not limited to:

- Cheating: Intentionally using or attempting to use unauthorized materials, information, notes, study aids, or other devices in any academic exercise.
 - Fabrication and Falsification: Intentional and unauthorized alteration or invention of any information or citation in an academic exercise. Falsification is a matter of inventing or counterfeiting information for use in any academic exercise.
 - Multiple Submissions: The submission of substantial portions of the same academic work for credit (including oral reports) more than once without authorization.
 - Plagiarism: Intentionally or knowingly presenting the work of another as one's own (i.e., without proper acknowledgment of the source).
 - Abuse of Academic Materials: Intentionally or knowingly destroying, stealing, or making inaccessible library or other academic resource materials.
- Complicity in Academic Dishonesty: Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

Plagiarism includes, but is not limited to:

- Copying or borrowing liberally from someone else's work without his/her knowledge or permission; or with his/her knowledge or permission and turning it in as your own work.
- Copying of someone else's exam or paper.
- Allowing someone to turn in your work as his or her own.
- Not providing adequate references for cited work.
- Copying and pasting large quotes or passages without properly citing them.

Title IX Compliance: Chaminade University of Honolulu recognizes the inherent dignity of all individuals and promotes respect for all people. Sexual misconduct, physical and/or psychological abuse will NOT be tolerated at CUH. If you have been the victim of sexual

misconduct, physical and/or psychological abuse, we encourage you to report this matter promptly. As a faculty member, I am interested in promoting a safe and healthy environment, and should I learn of any sexual misconduct, physical and/or psychological abuse, I must report the matter to the Title IX Coordinator. Should you want to speak to a confidential source you may contact the following:

- Chaminade Counseling Center: 808-735-4845
- Any priest serving as a sacramental confessor or any ordained religious leader serving in the sacred confidence role.

Disability Access:

The University is committed to providing reasonable accommodations for all persons with disabilities. This syllabus is available in alternate formats upon request. Students who need accommodations must be registered with Student Disability Services. Students with special needs who meet criteria for the Americans with Disabilities Act (ADA) provisions must provide written documentation of the need for accommodations from the Counseling Center by the end of week three of the class, in order for the instructor to plan accordingly. Failure to provide written documentation will prevent your instructor from making the necessary accommodations. Please refer any questions to the Dean of Students.