

**San José State University**  
**Environmental Studies**  
**ENVS/ECON 107, Environmental Economics, Spring 2022**

**Course and Contact Information**

Instructor:	Chiao Su
Office Location:	WSQ 115B
Telephone:	530-341-2116 (don't call, no one will pick up)
Email:	cheng.su@sjsu.edu
Office Hours:	In-Person: Mon/Wed, 11:00 AM to 12:00 PM (by appointment only) Online: Zoom - <a href="https://sjsu.zoom.us/j/91660172312">https://sjsu.zoom.us/j/91660172312</a>
Class Days/Time:	Section 1 – Monday and Wednesday 12:00 PM to 1:15 PM Section 2 – Monday and Wednesday 1:30 PM to 2:45 PM
Classroom:	Section 1 – Dudley Moorhead Hall 164 Section 2 – Dudley Moorhead Hall 164
Prerequisites:	ECON 1B or Instructor Consent

**Course Format**

**Faculty Web Page and MYSJSU Messaging**

All coursework, lectures, assignments and additional readings will be published on the Canvas Learning Management System at - <http://sjsu.instructure.com>

**Important!** *It is your responsibility to check with the messaging system through MySJSU at <http://my.sjsu.edu> to learn of any course updates.*

**Course Description**

Analysis of basic economic and political factors related to the environmental crisis. Surveys policy approaches to the problem: regulation, taxes, subsidies, benefit-cost analysis.

**Course Goals**

The goal of this course is to introduce students to environmental and ecological economics, and provide a firm understanding of how these disciplines can be applied to address environmental issues. We will examine the economic underpinnings of environmental problems by exploring case studies on various topics. We will review, extend, criticize, and develop the basic economic tools that all students of environmental policy must understand.

## Course Learning Outcomes (CLO)

Upon successful completion of this course, students will be able to:

1. Formulate conclusions by applying the basic concepts and tools from environmental economics and develop an understanding of how such conclusions can be used to guide environmental policy.
2. Understand the political and economic aspects of pollution, renewable and non-renewable resource consumption.

## Required Texts/Readings

### Textbook

*Environmental and Natural Resource Economics: A Contemporary Approach (4<sup>th</sup> Edition)*, by Harris, J.M. and B. Roach

ISBN-13: 978-1138659476

ISBN-10: 1138659479

Amazon.com: <https://www.amazon.com/Environmental-Natural-Resource-Economics-Contemporary>

### Other technology requirements / equipment / material

- Regular access to a computer (preferably laptop), with access to the google chrome browser
- Scientific or graphing calculator (please check with instructor for compatibility)

## Course Requirements and Assignments

This is a participation-intensive course that relies on your consistent and active engagement. In case of an emergency, please do everything in your power to contact me prior to missing class or assignments.

Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally three hours per unit per week) for instruction, preparation/studying, or course related activities, including but not limited to internships, labs, and clinical practice. Other course structures will have equivalent workload expectations as described in the syllabus.

Assignments include reading for class, homework assignments, preparation for exams, and occasional pre-class quizzes. These assignments may require work beyond the minimum 5-hours of work outside the classroom. Careful time management will help you keep up with readings and assignments and enable you to succeed in all your classes. Please check Canvas for regular assignment updates.

## Final Examination

Section 1 - Monday, May 23 at 9:45 AM to 12:00 PM

Section 2 - Friday, May 20 at 12:15 PM to 2:30 PM

The final exam will be cumulative, but will focus heavily on the second half of the class

## Grading Information

Your final grade in the class will depend on the following categories, which are weighted as follows:

- Reading Assignments: 15%
- Problem Sets: 15%
- Exam 1: 20%
- Exam 2: 20%
- Final: 30%

There will be a series of reading assignments and problem sets throughout the semester to be complete and submit on Canvas. You are responsible for accessing Canvas and completing assignments by the due date. I will drop the lowest score from your total. Due to the pace of the course, it is essential for students to keep up with the material. Therefore, no late assignment will be accepted unless in cases of extreme medical or family emergency

## Determination of Grades

<i>Grade</i>	<i>Percentage</i>
<i>A plus</i>	<i>96 to 100%</i>
<i>A</i>	<i>93 to 95%</i>
<i>A minus</i>	<i>90 to 92%</i>
<i>B plus</i>	<i>86 to 89%</i>
<i>B</i>	<i>83 to 85%</i>
<i>B minus</i>	<i>80 to 82%</i>
<i>C plus</i>	<i>76 to 79%</i>
<i>C</i>	<i>73 to 75%</i>
<i>C minus</i>	<i>70 to 72%</i>
<i>D plus</i>	<i>66 to 69%</i>
<i>D</i>	<i>63 to 65%</i>
<i>D minus</i>	<i>60 to 62%</i>

## Classroom Protocol

Students are expected to attend all lectures and arrive to class on time. Participation in classroom discussions is an important component of the course, and so students are expected to have completed the required reading for each lecture prior to class meetings. Laptop use during lecture is acceptable, however, use of cellphones is discouraged. Use of electronic devices may be prohibited if usage becomes disruptive.

## University Policies (Required)

Per [University Policy S16-9](http://www.sjsu.edu/senate/docs/S16-9.pdf) (<http://www.sjsu.edu/senate/docs/S16-9.pdf>), relevant information to all courses, such as academic integrity, accommodations, dropping and adding, consent for recording of class, etc. is available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](#) at <http://www.sjsu.edu/gup/syllabusinfo/>. **Make sure to visit this page, review and be familiar with these university policies and resources.**