



Master Course Syllabus

For additional course information, including prerequisites, corequisites, and course fees, please refer to the Catalog: <https://catalog.uvu.edu/>

Semester: Spring

Year: 2025

Course Prefix: ENVT

Course and Section #: 1110-004

Course Title: Introduction to Environmental Management

Credits: 3

Course Description

Surveys environmental issues and the impact of people on the environment. Covers how we can sustainably use our natural resources and how we can prevent and remediate the degradation of the environment while using these natural resources.

Course Attributes

This course has the following attributes:

- General Education Requirements
- Global/Intercultural Graduation Requirements
- Writing Enriched Graduation Requirements
- Discipline Core Requirements in Program
- Elective Core Requirements in Program
- Open Elective

Other: *Click here to enter text.*

Instructor Information

Instructor Name: Dr. Eddy Cadet

Student Learning Outcomes

Upon successful completion, students should be able to:

- 1 - Articulate how the extraction and use of our natural resources can cause air, water, and soil pollution that harm the environment and impact humanity.
 - 2 - Describe how societies can sustainably use Earth's resources by reducing/preventing environmental degradation.
 - 3 - Summarize the environmental laws and policies that are designed to prevent environmental degradation, such as pollution.
 - 4 - Determine how environmental processes influence our everyday lives by analyzing how humanity impacts the environment and how societal issues are impacted by these processes.
 - 5 - Apply the scientific method by evaluating how to live a more sustainable lifestyle.
 - 6 - Apply life-long learning skills; such as metacognition, communication, quantification, information, and collaborative learning skills.
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Course Materials and Texts

1. Principles of Environmental Science, Inquiry, and applications, 10th Edition, published by Cunningham and Cunningham (ISBN: 9781266557781).
 2. Laptop with webcam and microphone
 3. Access to the internet
 4. Scientific calculator
 5. PowerPoint Presentation Software
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Course Requirements

Course Assignments, Assessments, and Grading Policy

Weekly Quizzes based on lectures and textbook reading assignments (28% of overall grade)

Three Midterm Exams covering multiple chapters and group presentations (23% of overall grade)

Group presentations on environmental issues (11% of overall grade)

Student evaluations and discussion board (8% of grade)

Written homework assignments (14% of overall grade)

Comprehensive Final Exam (16% of overall grade)

Required or Recommended Reading Assignments

Cunningham & Cunningham textbook: Chapter 1-8

A Journal article: (CHI Qiao-qiao, ZHU Guang-wei, Alan Langdon. 2007. Bioaccumulation of heavy metals in fishes from Taihu Lake, China: Journal of Environmental Sciences 19(2007) 1500-1504)

General Description of the Subject Matter of Each Lecture or Discussion

Chapter 16: Environmental Policy and Sustainability

Chapter 1: Understanding Our Environment

Chapter 2: Environmental Systems: Matter, Energy, and Life

Exam #1: Exam covering chapters 16, 1, 2 of the textbooks

Chapter 3: Evolution, Species Interactions, and Biological Communities

Chapter 4: Human Populations

Chapter 5: Biomes and Biodiversity

Group Presentations on Environmental Concerns*

Exam #2: Exam covering Chapters 3,4, and 5 of the textbook and Environmental issues

Chapter 6: Environmental Conservation: Forests, Grasslands, Parks, and Nature Preserves

Chapter 7: Food and Agriculture

Chapter 8: Environmental Health and Toxicology

Field trip to Orem City Water Reclamation Plant

In-class activities

Group Presentation on Environmental Concerns*

Exam #3 covering chapters 6,7,8, field trip, and Environmental concerns*.

Final Comprehensive Exam

*Environmental Concerns students present as groups in class followed by class discussion:

Climate Change

Deforestation

Genetically Modified Organisms

Anthropogenic Impacts on Utah Lake

Utah Air Quality
Renewable Energy
Nuclear Power

Click here to enter text.

The Final grade percentage is rounded to the nearest tenth and assigned the corresponding letter grade:

A = 95 – 100%

A - = 90 – 94%

B + = 87 – 89%

B = 84 – 86.0%

B - = 80 – 83%

C + = 77 – 79%

C = 74 – 76%

C - = 70 – 73%

D + = 67 – 69%

D = 64 – 66%

D - = 60 – 63%

E = ≤ 59%

Required Course Syllabus Statements

Generative AI

This course requires you to complete assignments that assess your understanding, application, and problem-solving ability applied to chemistry. You are expected to do your own work. Problem solving and scientific thinking are tools that are necessary for students to learn in this course. The use of artificial intelligence (AI) tools, such as chatbots, text generators, paraphrasers, summarizers, or solvers, is strictly prohibited for any part of your assignments. Using these tools will be considered academic dishonesty and will be handled according to the university's academic honesty policy. If you have questions about acceptable use of AI tools, please consult the instructor before submitting your work.

Using Remote Testing Software

This course does not use remote testing software.

This course uses remote testing software. Remote test-takers may choose their remote testing locations. Please note, however, that the testing software used for this may conduct a brief scan of remote test-takers' immediate surroundings, may require use of a webcam while taking an exam, may require the microphone be on while taking an exam, or may require other practices to confirm academic honesty. Test-takers therefore shall have no expectation of privacy in their test-taking location during, or immediately preceding, remote testing. If a student strongly objects to using test-taking software, the student should contact the instructor at the beginning of the semester to determine whether alternative testing arrangements are feasible. Alternatives are not guaranteed.

Required University Syllabus Statements

Accommodations/Students with Disabilities

Students needing accommodations due to a permanent or temporary disability, pregnancy or pregnancy-related conditions may contact UVU [Accessibility Services](#) at accessibilityservices@uvu.edu or 801-863-8747.

Accessibility Services is located on the Orem Campus in BA 110.

Deaf/Hard of Hearing students requesting ASL interpreters or transcribers can contact Accessibility Services to set up accommodations. Deaf/Hard of Hearing services can be contacted at DHHservices@uvu.edu

DHH is located on the Orem Campus in BA 112.

Academic Integrity

At Utah Valley University, faculty and students operate in an atmosphere of mutual trust. Maintaining an atmosphere of academic integrity allows for free exchange of ideas and enables all members of the community to achieve their highest potential. Our goal is to foster an intellectual atmosphere that produces scholars of integrity and imaginative thought. In all academic work, the ideas and contributions of others must be appropriately acknowledged and UVU students are expected to produce their own original academic work.

Faculty and students share the responsibility of ensuring the honesty and fairness of the intellectual environment at UVU. Students have a responsibility to promote academic integrity at the university by not participating in or facilitating others' participation in any act of academic dishonesty. As members of the academic community, students must become familiar with their [rights and responsibilities](#). In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, assessments, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Likewise, instructors are responsible to clearly state expectations and model best practices.

Further information on what constitutes academic dishonesty is detailed in [UVU Policy 541: Student Code of Conduct](#).

Equity and Title IX

Utah Valley University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age (40 and over), disability, veteran status, pregnancy, childbirth, or pregnancy-related conditions, citizenship, genetic information, or other basis protected by applicable law, including Title IX and 34 C.F.R. Part 106, in employment, treatment, admission, access to educational programs and activities, or other University benefits or services. Inquiries about nondiscrimination at UVU may be directed to the U.S. Department of Education's Office for Civil Rights or UVU's Title IX Coordinator at 801-863-7999 – TitleIX@uvu.edu – 800 W University Pkwy, Orem, 84058, Suite BA 203.

Religious Accommodation

UVU values and acknowledges the array of worldviews, faiths, and religions represented in our student body, and as such provides supportive accommodations for students. Religious belief or conscience broadly includes religious, non-religious, theistic, or non-theistic moral or ethical beliefs as well as

participation in religious holidays, observances, or activities. Accommodations may include scheduling or due-date modifications or make-up assignments for missed class work.

To seek a religious accommodation, a student must provide written notice to the instructor and the Director of Accessibility Services at accessibilityservices@uvu.edu. If the accommodation relates to a scheduling conflict, the notice should include the date, time, and brief description of the difficulty posed by the conflict. Such requests should be made as soon as the student is aware of the prospective scheduling conflict.

While religious expression is welcome throughout campus, UVU also has a [specially dedicated space](#) for meditation, prayer, reflection, or other forms of religious expression.