



Master Course Syllabus

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

Semester: Spring

Course Prefix: ENVT

Course Title: Environmental Health

Year: 2025

Course and Section #: 2560-X01

Credits: 3

Course Description

This course addresses environmental health issues for multiple environmental-related degree programs. It discusses the benefits for students pursuing careers in nursing, biology, and other related fields. It examines infectious and non-infectious diseases, vectors and their control, and discusses the fundamentals of environmental health, water and wastewater management, population pyramid and associated environmental concerns in developed and developing nations. This course includes topics of solid and hazardous waste management, recreation safety, air quality and environmental regulations.

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 of this course, students will be able to:

- Discuss the objectives, meaning, and history of environmental health
- Categorize the fates of pollutants when released in the environment and their impacts on health
- Summarize the fundamentals of environmental health and regulations used to promote a healthy environment
- Discuss chronic and communicable diseases
- Interpret environmental concerns associated with various types of population pyramids
- Summarize water and wastewater treatment processes
- Articulate food protection principles used in the prevention of food borne illnesses
- Describe factors affecting air quality and their control
- Discuss Environmental Health in recreational areas

Course Materials and Texts

Textbook: ***Environmental Health***, third edition, by **Monroe T Morgan** (ISBN # 0-534-51717-X)

Laptop with webcam and microphone

Access to the internet

Scientific calculator

PowerPoint Presentation Software

Google Earth Pro Software

Course Requirements

Course Assignments, Assessments, and Grading Policy

Weekly Quizzes based on lectures and textbook reading assignments (20% of overall grade)

Three Midterm Exams covering multiple chapters and group presentations (30 % of overall grade)

Comprehensive Final Exam (15% of overall grade)

Group zoonosis presentations (10% of overall grade)

Restaurant report (5% of overall grade)

Written homework assignments, including participation in discussion board (20% of overall grade)

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

<u>Grade</u>	<u>Percent</u>
A	95-100
A-	90-94
B+	87-89
B	84-86
B-	80-83
C+	77-79
C	74-76
C-	70-73
D+	67-69
D	64-66
D-	60-63
E	0-59

Required or Recommended Reading Assignments

The textbook: ***Environmental Health***, third edition, by **Monroe T Morgan** (ISBN # 0-534-51717-X)

Online Lecture (including website links)

General Description of the Subject Matter of Each Lecture or Discussion

Week 1: Introduction to Environmental Health P1

Week 2: Introduction to Environmental Health P2

Week 3: Environmental History and Careers P1

Week 4: Environmental History and Careers P2 (Complete Midterm Exam #1)

Week 5 World Population

Week 6: Fundamentals of Environmental Health P1

Week 7: Fundamentals of Environmental Health P2
Week 8: Chronic and Communicable Diseases (Complete Midterm Exam #2)
Week 9: Zoonosis Presentations
Week 10: Spring Break
Week 11: Water Supply and Wastewater Management
Week 12: Food Protection and Safety P1
Week 13: Food Protection and Safety P2
Week 14: Environmental Health in Recreational Areas
Week 15: Solid and Hazardous Waste (Complete Midterm Exam #3)
Week 16: Comprehensive Final Exam

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 the 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.