



## Master Course Syllabus

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

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**Semester:** Spring

**Course Prefix:** ENVT

**Course Title:** Intro to Environmental Management

**Year:** 2025

**Course and Section #:** envt-1110-x01

**Credits:** 3

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### *Course Description*

This course discusses environmental issues and the impacts people have on the environment (e.g. sustainable use and management of our natural resources, pollution control, and protecting our climate). Introduces hydrology, geology, climatology, and engineering and how these fields apply to the social and economic interactions within our daily lives.

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### *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.*

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### *Instructor Information*

**Instructor Name:** Dr. Rachel Brown

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### *Student Learning Outcomes*

Upon successful completion of this course, students will be able to understand and answer qualitative and quantitative questions in the following topics:

- Identify the different types of environmental issues and impacts (e.g., sustainability and natural resources use, pollution control, and protecting our climate).
  - Identify social and economic interactions (e.g., hydrology, geology, climatology)
  - Identify processes and challenges in urbanization and sustainable cities, environmental policy and law, food insecurity and food resources, sustainable agriculture, water resource management, and sustainable energy resources.
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### *Course Materials and Texts*

1. Laptop with webcam and microphone
2. Internet Access

## ***Course Requirements***

### **Course Assignments, Assessments, and Grading Policy**

- Weekly assignments 25%
- Weekly practice quizzes 20%
- Weekly quiz 20%
- Nine-square assignments 20%
- Final project 10%
- Project check-in/reminders 5%

### **Required or Recommended Reading Assignments**

eChapter (provided): Instruction to Environmental Management Chapters 1-14

### **General Description of the Subject Matter of Each Lecture or Discussion**

Introduction to Environmental Management Chapter 1
Scientific Methods and Populations Chapters 2 and 3
Urbanization and Sustainable Cities Chapter 5
Environmental Policy and Law Chapter 4
Climate Part 01: Science of Climate Chapter 6 and 15 (15.3-15.5)
Climate Part 02: Climate Mitigation Chapter 6 (continued) and Chapter 15.6
Mineral Resource Basics Chapter 14 (14.1-14.2)
Environmental Impacts of Mineral Resources Chapters 14 (14.3)
Basics of Energy and Conventional Sources Chapters 8 and 19 (19-19.4)
Sustainable Energy Resources Chapters 9, 19 (19.5) and 20 (20- 20.5)
Water Resources and Management Chapters 10 and 17
Water Quality Chapters 11 and 18 (18.1-18.4)
Waste/Recycling Chapters 12 and 21 (21.1-21.3)
Food Insecurity and Food Resources Chapters 13 and 9 (9.1-9.2)
Sustainable Agriculture Chapters 9 (9.3), 10 (10.2-10.4), 13 and 14

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## ***Required Course Syllabus Statements***

### **Generative AI**

This course requires students to assess their understanding of environmental issues and the impacts people have on the environment (e.g. sustainable use and management of our natural resources, pollution control, and protecting our climate). Introduces hydrology, geology, climatology, and engineering and how these fields apply to the social and economic interactions within our daily lives.

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### **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.

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## ***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](mailto: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](mailto:DHHservices@uvu.edu)

DHH is located on the Orem Campus in BA 112.

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### **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](#).

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### **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](mailto:TitleIX@uvu.edu) – 800 W University Pkwy, Orem, 84058, Suite BA 203.

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### **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](mailto: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.