



# Environmental & Sustainability Studies

## Emphasis: Air, Water, & Health

2025 -2026

BA/BS  
55 credits

**C-or better  
in all major courses**

**2.25 Cum.  
GPA**

**12 credit hours total can be transferred from another  
university, only 7 credit hours of those can be lower division**

### INTRODUCTORY CORE:

*Complete ALL courses:*

- ENVST 2050:** Intro to Environmental Science (3) (PS or LS)  
OR AP Env. Science score 3 or higher
- ENVST 2051:** Environmental Science Lab (1)
- ENV 2100:** Environment and Society (3) (BF)
- ENVST 2700:** Professions in Sustainability (2)

### LEARNING OUTCOMES:

1. Understand the interactions between the Earth's hydrologic, atmospheric & climate cycles and how these relate to human activities.
2. Evaluate the major institutions, organizations, policies, culture, behavior & events critical to contemporary debates around air, water & health.
3. Analyze health problems related to air & water quality, recognizing diverse stakeholder perspectives to synthesize creative solutions that mitigate risk & hazards at the local/regional & global contexts.

### UPPER DIVISION CORE:

*Complete ALL courses:*

- ENVST/GEOG 3210:** Global Climate Change (3)
- \*ENVST 3364:** Challenges to Global Sustainability (3) (IR)
- \*ENVST 3365:** Environmental Justice (3)(DV)

**Prerequisites are indicated with an \***

#### **ENVST Policy (Select One):**

- POLS 3390:** Intro Enviro/Sustainability Policy (3)
- POLS 5322:** Environmental Policy (3)

### FINAL YEAR REQUIREMENTS:

**Prerequisites are indicated with an \***

*All intro & upper division core classes above are required BEFORE you can complete the two classes below*

*Application is required to sign up for these courses:*

*Select ONE:*

- \*ENVST 4800:** Internship: Env. & Sustainability Studies
- \*ENVST 4999:** Honors Thesis/Project (Required of HBS/HBA)
- \*ENVST 5000:** Undergraduate Research

**ENVST 5700 (Required):** Preparing for Life After Graduation (1)

### CAN BE TAKEN AT ANY TIME:

**Prerequisites are indicated with an \***

#### **STATISTICS (select one):**

- COMM 3710:** Quant Comms Res (QI)
- GEOG 3020:** Geographic Analysis (QI)
- SOC 3112:** Social Statistics (QI)

#### **WRITING (select one):**

- CMP 4260:** Land, Law, & Culture (CW)
- HONOR 3200:** Writing in Res. Univ (CW)
- MGT 3810:** Business & Prof Comms (CW)
- WRTG 3014:** Scientific Writing (CW)
- WRTG 3420:** Environmental Writing (CW)

#### **METHODS (select one):**

- ENV 3030:** Intro Qualitative Methods
- ATMOS 5050:** Env. Instrumentation
- GEOG 3100:** Intro to GIS & Cartography (QI)
- POLS 3001:** Political Analysis (QI)
- SOC 3111:** Research Methods (DI, CW)
- ANTH 5234:** Population Issues (SUST, QI)



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## EMPHASIS CORE REQUIREMENTS:

Prerequisites are indicated with an \*

*Students must take a minimum of 3 classes from their emphasis electives list (though all 5 classes in this section may be completed)*

**GEOG 3290:** Water Resources  
**ENV 5/6390:** Streams & Riparian Zones  
**ENV 3/5368:** Our Energy Futures  
**GEOG 3205:** Climate Change Foundations  
**GEOG 5215:** Climate Change Impacts, Adaptation, & Mitigation



## EMPHASIS ELECTIVE REQUIREMENTS:

Prerequisites are indicated with an \*

*Maximum of 4 courses can come from the ENVST General Electives list (courses listed above may also be counted towards elective credit)*

**ANTH 3486:** Human Ecology  
**ANTH/GEOG 2400:** Climate Change & Lost Cities (BF or PS)  
**ATMOS 3200:** Mountain Weather & Climate  
**ATMOS 5000:** Intro to Atmospheric Science (QI)  
**ATMOS 5400:** The Climate System  
**ATMOS/HONOR 2750:** Energy, Air, Water, Metals  
**BENN 1020:** Pathways to Community Engagement  
**BENN 2030:** Intro to Civic Leadership  
**CHEM 1210:** General Chemistry I (PS)  
**COMM 2360:** Consuming the Earth  
**COMM 3115:** Communicating Science, Health, Envi & Risk  
**COMM 5360:** Environmental Communication  
**ECON 3/5190:** Introduction to Health Economics  
**ECON 3250:** Intro to Env. & Natural Resource Economics  
**\*ECON 5250:** Environmental & Natural Resource Economics  
**ED PS 5068:** Meditation and Stress  
**ENGL 5080:** Studies in Environmental Literature  
**ENV 2310:** Intro to Natural Hazards  
**ENV 3330:** Urban Environments  
**ENVST 3280:** Organic Gardening  
**ENV 3430:** Food & the Environment  
**ENV 3350:** Resource Conserv/Env Mgt

**FCS 5630:** Healthy Communities  
**GEO 2080:** The Oceans  
**\*GEO 3300:** The Water Planet  
**\*GEO 5350:** Groundwater  
**GEOG 3200:** Geomorphology: Mountains, Rivers, Deserts  
**GEOG 3270:** Biogeography: Global Patterns of Life  
**HIST 4380:** US Environmental History  
**\*HONOR 3245:** Environmental Change  
**LEAP 1225:** Sustainable Food Systems  
**\*MATH 1210:** Calculus I (QL)  
**PHIL 3530:** Environmental Ethics  
**PHIL 5530:** Environmental Philosophy  
**\*PHYS 2010:** General Physics I (PS)  
**\*PHYS 2210:** Physics for Scientists & Engineers I (PS)  
**POLS 2500:** Inequality in the US  
**POLS 5321:** Health Policy  
**SOC 3480:** Environmental Sociology (IR)  
**SOC 3671:** Medical Sociology  
**SOC 3720:** Environmental Health Disparities  
**SOC 3769:** Disparities in Health (DV)

## SCHOLARSHIPS:

Thanks to the generous donations given by the industry and alumni, the ENVST program offers several scholarships to incoming and continuing students.

To apply, please visit:  
[csbs.utah.edu/students/scholarships/index.php](https://csbs.utah.edu/students/scholarships/index.php)

## CAREER OUTLOOK:

City, State, or Federal Regulator  
Lawyer / Policy Analyst  
Educator / Academic Extension Specialist  
Restoration Practitioner  
Agency or Academic Hydrologist  
Air and/or Water Quality Scientist  
Urban Planner  
Environmental Consultant  
Public Works Specialist



STEM Education



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