



# Environmental & Sustainability Studies

## Emphasis: Air, Water & Health

2023-2024

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 4 credit hours of those can be lower division**

## INTRODUCTORY CORE:

Complete ALL courses:

- ENVST 2050:** Intro to Environmental Science (3) (SF) OR AP Env. Science score 3 or higher
- ENVST 2051:** Intro to Environmental Science (1) (Offered starting Spring 2024)
- ENVST 2100:** Intro to Environmental & Sustainability Studies (3) (BF)

## UPPER DIVISION CORE:

Complete ALL courses:

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

- ENVST Policy (Select One):**
- POLS 3390:** Intro Env./Sustainability (3) (BF)
- POLS 5322:** Environmental Policy (3)

## FINAL YEAR REQUIREMENTS:

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 if HBS/HBA)
- \*ENVST 5000:** Undergraduate Research

- CAPSTONE (Required):** Offered Spring Semester
- \*ENVST 5559:** Capstone in Air, Water & Health

## CAN BE TAKEN AT ANY TIME:

Prerequisites are indicated with an \*

### STATISTICS (select one):

- \*ATMOS 5040:** Environmental Statistics (QI)
- \*COMM 3710:** Intro to Quantitative Communications Research (QI)
- \*GEOG 3020:** Geographic Analysis (QI, QB)
- \*POLS 5001:** Quantitative Analysis in Political Science (QI)
- SOC 3112:** Social Statistics (QI, QB)

### WRITING (select one):

- CMP 4260:** Land, Law, & Culture (CW)
- \*GEOG 3/5270:** Global Patterns of Life (CW, SF)
- \*HONOR 3200:** Writing in Research University (CW)
- \*MGT 3810:** Business & Professional Communication (CW)
- \*WRTG 3014:** Scientific Writing (CW)
- \*WRTG 3420:** Environmental Writing (CW, HF)
- \*WRTG 4905:** Studies in Professional Discourses (CW)

### METHODS (select one):

- \*ATMOS 5050:** Env. Instrumentation
- CMP 4010:** Field Studies in Urban Ecology (QI)
- \*CMP 4450:** GIS for Urban Ecologists (QI)
- \*GEOG 3100:** Intro to GIS & Cartography (QI)
- POLS 3001:** Political Analysis (QI, QB)
- SOC 3111:** Research Methods (CW)



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## ELECTIVES: Can be taken any time, 7 are required

### AIR, WATER & HEALTH ELECTIVES:

Students must take a minimum of 4 classes from their emphasis electives list (though all 7 electives can be done in this section)

Prerequisites are indicated with an \*

**ANTH 3486:** Human Ecology (BF, SF)  
**ATMOS/HONOR 2750:** Energy Air Water Metals  
**\*ATMOS 3100:** Atmospheric Chemistry & Air Pollution (IR)  
**ATMOS 3200/GEOG 3280:** Mountain Weather & Climate  
**\*ATMOS 5000:** Intro to Atmospheric Science (QI)  
**ATMOS 5260:** Snow & Avalanche  
**CHEM 1210:** General Chemistry I (SF)  
**CMP 4371:** Complexity & Systems Thinking  
**CMP 4460:** Green Infrastructure  
**ECON 3190:** Health Economics  
**ENVST/GEOG 3/5368:** Energy Choices for the 21st Century (SF)  
**\*ENVST/GEOG 3/5390:** Streams & Riparian Zones (CEL)  
**FCS 5630:** Healthy Communities  
**GEO 3300:** The Water Planet (SF)  
**GEO 3800:** The Oceans

**\*GEO 5350:** Groundwater  
**\*GEOG 3200:** Geomorphology: Mountains, Rivers, Deserts (SF)  
**GEOG 3/5205:** Climate Change Foundations  
**GEOG 3/5215:** Climate Change Impacts, Adaptation & Mitigation  
**GEOG 3290:** Water in Utah  
**GEOG 3330:** Urban Environmental Geography (SF)  
**GEOG 3385:** Federal Land Management  
**GEOG 3/5292:** Snow and Ice  
**\*MATH 1210:** Calculus I (QA, QB)  
**\*PHYS 2010:** General Physics I (SF)  
**\*PHYS 2210:** Physics for Scientists & Engineers I (SF)  
**POLS 5321:** Health Policy  
**SOC 3769:** Disparities in Health (DV)  
**SOC 3671:** Sociology of Health

### GENERAL ENVST ELECTIVES:

Maximum of 3 courses can come from the ENVST General Electives list (but all can come from the emphasis electives list above)

Prerequisites are indicated with an \*

**ANTH/GEOG 2400:** Climate Change & Lost Cities (BF, SF)  
**ATMOS 5400:** The Climate System  
**BENN 1020:** Pathways to Community Engagement (CEL)  
**BENN 2030:** Intro to Civic Leadership (CEL)  
**COMM 3115:** Communicating Science, Health, Envi & Risk  
**COMM 4360:** Consuming the Earth  
**COMM 5360:** Environmental Communication  
**COMM 5365:** Communicating Climate Change  
**ECON/POLS 2500:** Inequality in the US  
**ECON 3250:** Intro to Env. & Natural Resource Economics (BF)  
**\*ECON 5250:** Environmental & Natural Resource Economics  
**Ed PS 5068:** Meditation & Stress  
**ENGL 3/5080:** Studies in Environmental Literature  
**ENVST 3280:** Organic Gardening

**ENVST/GEOG 3/5368:** Energy Choices (SF)  
**ENVST/SOC 3720:** Environmental Health Disparities  
**ETHNC 4840:** Environmental Racism  
**FCS/PSY 3620:** Environmental Psych. & Sustainability  
**FCS 5450:** Nonprofit Community Organizations  
**FCS 5730:** Community & Environmental Change  
**HIST 4380:** US Environmental History  
**HIST 4860:** Environmental History of China  
**\*HONOR 2700:** Comparative Ecology  
**\*HONOR 3245:** Environmental Change  
**PHIL 3310:** Science & Society (HF)  
**PHIL 3530:** Environmental Ethics (HF)  
**PHIL 5530:** Environmental Philosophy (HF)  
**POLS 5550:** Nonprofits & NGOs  
**SOC 3480:** Environmental Sociology (IR)

### CAREER OUTLOOK:

Educator: Environmental, secondary, & post-secondary  
City, State or Federal regulator  
Lawyer/Public policy specialist  
University extension specialist  
Restoration practitioner  
Agency or academic scientist  
Urban planner  
Environmental journalist



STEM Education



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