



Environmental & Sustainability Studies

Emphasis: Air, Water & Health

2023-2024

HBA/HBS
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 1211:** Honors 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 1250:** Honors AP 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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