



Environmental & Sustainability Studies

Emphasis: Air, Water, & Health

2024-2025

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)

UPPER DIVISION CORE:

Prerequisites are indicated with an *

Complete ALL courses:

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

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 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)
- *POLS 5001:** Quantitative Analysis in Political Science (QI)
- SOC 3112:** Social Statistics (QI)

WRITING (select one):

- CMP 4260:** Land, Law, & Culture (CW)
- *HONOR 3200:** Writing in Research University (CW)
- *MGT 3810:** Business & Professional Communication (CW)
- *WRTG 3014:** Scientific Writing (CW)
- *WRTG 3420:** Environmental Writing (CW)
- *WRTG 4905:** Studies in Professional Discourses (CW)

METHODS (select one):

- *ATMOS 5050:** Env. Instrumentation
- GEOG 3100:** Intro to GIS & Cartography (QI)
- POLS 3001:** Political Analysis (QI)
- SOC 3111:** Research Methods (DI, CW)



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ELECTIVES: Can be taken any time, 7 are required

AIR, WATER & HEALTH ELECTIVES:

Prerequisites are indicated with an *

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

ANTH 3486: Human Ecology
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/GEOG 5260: Snow & Avalanche
CHEM 1210: General Chemistry I (PS)
CMP 4371: Complexity & Systems Thinking
CMP 4460: Green Infrastructure
ECON 3/5190: Introduction to Health Economics
ENV 3330: Urban Environmental Geography
ENV 3/5368: Energy Choices for the 21st Century
***ENV 3/5390:** Streams & Riparian Zones
FCS 5630: Healthy Communities
GEO 3300: The Water Planet

***GEO 5350:** Groundwater
GEO 3800: The Oceans
***GEOG 3200:** Geomorphology: Mnts., Rivers, Deserts
GEOG 3209: Water Resources
GEOG 3385: Federal Land Management
GEOG 3205: Climate Change Foundations
GEOG 5215: Climate Change Impacts, Adaptation, & Mitigation
***MATH 1210:** Calculus I (QL)
***PHYS 2010:** General Physics I (PS)
***PHYS 2210:** Physics for Scientists & Engineers I (PS)
POLS 5321: Health Policy
SOC 3671: Medical Sociology
SOC 3769: Disparities in Health (DV)

GENERAL ENVST ELECTIVES:

Prerequisites are indicated with an *

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

ANTH/GEOG 2400: Climate Change & Lost Cities (BF or PS)
ATMOS 5400: The Climate System
BENN 1020: Pathways to Community Engagement
BENN 2030: Intro to Civic Leadership
COMM 2360: Consuming the Earth
COMM 3115: Communicating Science, Health, Envi & Risk
COMM 5360: Environmental Communication
COMM 5365: Communicating Climate Change
ECON/POLS 2500: Inequality in the US
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
ENVST 3280: Organic Gardening
ENV 3/5368: Energy Choices

ENV 3430: Food & the Environment
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
LEAP 1220 OR 1225: Sustainable Food Systems
PHIL 3530: Environmental Ethics
PHIL 5530: Environmental Philosophy
POLS 5550: Nonprofits & NGOs
SOC 3480: Environmental Sociology (IR)

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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