Environmental & Sustainability Studies
Emphasis: Air, Water, & Health

**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:**

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

**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
    - ENVST Policy (Select One):
      - POLS 3390: Intro Enviro/Sustainability Policy (3)
      - POLS 5322: Environmental Policy (3)
    - CAPSTONE (Required): Offered Spring Semester
      - *ENVST 5559: Capstone in Air, Water & Health

**CAN BE TAKEN AT ANY TIME:**

- 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)

Prerequisites are indicated with an *

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

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**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)

- 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:**

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