Environmental & Sustainability Studies
Emphasis: Air, Water & Health

2023-2024
BA/BS
55 credits

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

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