



Environmental & Sustainability Studies

Emphasis: Air, Water & Health

2022-2023

BA/BS
55 credits

**C- or better
in all major courses**

**2.25 GPA
in ALL ENVST courses**

**4 classes total can come from another
university, only 1 can be 1000/2000 level**

INTRODUCTORY CORE:

Complete ALL courses:

ENVST 2050: Intro to Environmental Science (4)(SF) OR AP Env. Science score 3 or higher

ENVST 2100: Intro to Env. & 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

***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):

***COMM 4650:** Environmental Reporting (CW)

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 & Prof. 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 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 3/5205: Climate Change Foundations
***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 2020: Pathways to Community Engagement (CEL)
BENN 2030: Intro to Civic Leadership (CEL)
COMM 5360: Environmental Communication
COMM 5365: Communicating Climate Change
COMM 3115: Communicating Science, Health, Envi & Risk
COMM 4360: Consuming the Earth
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/SOC 3720: Environmental Health Disparities

ENVST/GEOG 3/5368: Energy Choices (SF)
***ENVST/GEOG 3/5390:** Sustainability Streams & Riparian Zones (CEL)
ETHNC 3424: American 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
PHIL 3310: Science & Society (HF)
PHIL 3530: Environmental Ethics (HF)
PHIL 5530: Environmental Philosophy (HF)
POLS 5550: Nonprofits & NGOs
SOC 3480: Environmental Sociology (IR)

TRANSFER INFORMATION:

For students who are not completing an Associates Degree at SLCC, we recommend taking these general education requirements:

- the AI requirement (HIST 1700, POLS 1100 or ECON 1740),
- the 2 Fine Arts credits (FF),
- ENGL 2010 (equivalent to WRTG 2010 at the U),
- and at least MATH 1050

COURSE EQUIVALENCIES:

SLCC Course:

BIOL 1400 & 1405
ATMOS 2100
ATMOS 2200
CHEM 1210
MATH 1210
PHYS 2010
PHYS 2210
GEOG 2100 & 2500

U of U Equivalent Courses:

ENVST 2050
ATMOS 3100
ATMOS 3200
CHEM 1210
MATH 1210
PHYS 2010
PHYS 2210
GEOG 3100



STEM Education



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