



**Environmental and Sustainability Studies Program**  
COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCE | THE UNIVERSITY OF UTAH

# ENVIRONMENTAL & SUSTAINABILITY STUDIES

## AIR, WATER & HEALTH



# EMPHASIS DESCRIPTION

This emphasis focuses on the challenges of sustaining good quality air and water, the influence of degraded resources, and options for maintaining clean air and water.



THE UNIVERSITY OF UTAH  
**College of Social and  
Behavioral Science**

# REQUIRED CLASSES

## Pre-requisites for ENVST upper division courses

**ENVST 2000** First Year Seminar (1cr)

**ENVST 2050** Introduction to Environmental Science (SF)

**ENVST 2100** Introduction to Environmental & Sustainability Studies (BF)

## ENVST upper division courses

**ENVST/GEOG 3210** Global Climate Change (SF)

\***ENVST 3364** Challenges to Global Sustainability (IR)

\***ENVST 3365** Environmental Justice (DV)

## Policy Courses (Select One)

**POLS 3390** Intro to Environmental Policy

**POLS 5322** Environmental Policy

**POLS 5510** Water Policy

## Statistics Courses (select one)

\***ATMOS 5040** Environmental Statistics (QI)

\***COMM 3710** Intro to Quantitative Comm. Research (QI)

**CMP 4010** Field Studies in Urban Ecology (QI)

\***GEOG 3020** Geographic Analysis (QI, QB)

\***POLS 5001** Quantitative Analysis in Political Science (QI)

**SOC 3112** Social Statistics (QI, QB)

## Writing Courses (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 a 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 Courses (select one)

**ATMOS 5050** Environmental Instrumentation (2 cr)

\***CMP 4450** GIS for Urban Ecologists (QI)

\***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)

**POLS 3001** Political Analysis (QI, QB)

**SOC 3111** Research Methods (CW)

## To Be Completed in Your Last Year

\***ENVST 4800** Environmental & Sustainability Studies Internship

\***ENVST 5559** Capstone: Air, Water & Health



## Electives (select seven courses)

**ATMOS 3486** Human Ecology (BF, SF)

**ATMOS 3000** Prof. Development in the Atmos. Sciences (1.5cr)

\***ATMOS 3100** Atmospheric Chemistry & Air Pollution (IR)

\***ATMOS 5000** Intro to Atmospheric Science (QI)

**ATMOS 3200/GEOG 3280** Mountain Weather & Climate

\***CHEM 1210/1215** General Chemistry & Lab I (SF)

\***CMP 3200** Ecology of Human Settlements

**CMP 4710** Intro to Transportation Planning

**COMM 3115** Communicating Health, Science, Environment

**COMM 5360** Environmental Communication

**COMM 5365** Communicating Climate Change

**ECON 3190** Health Economics

**ECON 3250** Intro to Environmental & Natural Resource Economics (BF)

\***ECON 5250** Environmental & Natural Resource Economics

**ENGL 5080** Environmental Literature

\***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

**ENVST/GEOG 3368** Energy Choices for the 21st Century (SF)

**ENVST/SOC 3720** Environmental Health & Disparities

**FCS/PSY 3620** Environmental Psych. & Sustainability

**FCS 5630** Healthy Communities

**FCS 5730** Community & Environmental Change

**GEO 3300** The Water Planet (SF)

**GEO 3800** The Oceans (SF)

\***GEO 5350** Groundwater

\***GEO 5470** Stable Isotope Biochemistry & Ecology

\***GEOG 3200** Geomorphology: Mountains, Rivers, Deserts (SF)

**GEOG 3215** Climate Change Impact, Adaptation & Mitigation

**GEOG 3330** Urban Environmental Geography (SF)

**GEOG 3385** Federal Land Management

**GEOG 5205** Regional & Global Climates

**GEOG 5275** Vegetation & Climate Change

**HIST 4380** US Environmental History

**HIST 4860** Environmental History of China

\***HONOR 3245** Environmental Change

\***MATH 1210** Calculus I (QR)

**PHIL 3310** Science & Society (HF)

**PHIL 3530** Environmental Ethics (HF)

**PHIL 5530** Environmental Philosophy (HF)

\***PHYS 2010/2015** General Physics & Lab I (SF)

\***PHYS 2210/2215** Physics for Scientists & Engineers & Lab I (SF)

**POLS 5321** Health Policy

**POLS 5540** Nonprofit Advocacy

**SOC 3480** Environmental Sociology (IR)

*No more than 4 from one department*

*\* Courses have prerequisites*

# 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

# SCHOLARSHIPS

Thanks to the generous donations given by industry & alumni, The ENVST Program offers several scholarships to incoming and continuing students.

To apply, please visit: [envst.utah.edu/students/scholarships/index.php](http://envst.utah.edu/students/scholarships/index.php)



STEM Education

# CONTACT INFORMATION

For more information about the Environmental & Sustainability Studies Program, please visit us at [envst.utah.edu](http://envst.utah.edu)

To contact an Academic Advisor regarding the program, please visit: <http://envst.utah.edu/students/advising.php>