

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.



REQUIRED CLASSES

Pre-requisites for ENVST upper division courses

ENVST 2000 First Year Seminar (1cr)

ENVST 2050 Introduction to Environmental Science (SF) or AP Enviro Science 3 or higher

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 ENVST Internship or ENVST 5000 Research

*ENVST 5559 Capstone: Air, Water & Health

CAREER OUTLOOK

Educator: Environmental, Secondary & Post-Secondary

City, State or Federal Regulator

Lawyer/Public Policy Specialist

University Extension Specialist

Restoration Practioner

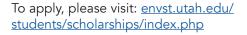
Agency or Academic Scientist

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.









ANTH 3486 Human Ecology (BF, SF)

*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 & Nat. Resource Econ. (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

*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

SOC 3480 Environmental Sociology (IR)

No more than 4 from one department

* Courses have prerequisites

CONTACT INFORMATION

For more information about the Environmental & Sustainability Studies Program, please visit us at envst.utah.edu

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