This emphasis focuses on the inter-relatedness of energy systems, their effects, and our global climate system. Students will have the opportunity to examine these connections from multiple disciplines and explore how they affect society.
REQUIRED CLASSES

ENVST 2000
ENVST 2050 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)
*These three courses are pre-requisites for the upper division ENVST courses

ENVST/GEOG 3210 Global Climate Change (SF)
*ENVST 3364 Challenges to Global Sustainability (IR)
*ENVST 3365 Environmental Justice (DV)
POLS 5322 Environmental Policy

Statistics Courses (select one)
*ATMOS 5040 Environmental Statistics (QI)
*COMM 3710 Intro to Quantitative Comm. Research (QI)
CMP 4010 Field Studies in Urban Ecolog (QI)
*ECON 3640 Probability & Statistics for Economists (QI, Q8)
*GEOG 3020 Geographic Analysis (QI, Q8)
*MATH 3070 Applied Statistics (QI, Q8)
*POL 5001 Quantitative Analysis in Political Science (QI)
SOC 3112 Social Statistics (QI, Q8)

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)
WRGT 3014 Scientific Writing (CW)
WRGT 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
ATMOS 5050 Environmental Instrumentation (2 cr)
*CMP 4450 GIS for Urban Ecologists (QI)
*ECON 4650 Econometrics (QI)
*GEOG 3100 Introduction to GIS & Cartography (QI) (Scr)
POLS 3001 Political Analysis (QI, Q8)
SOC 3111 Research Methods (CW)

To Be Completed in Your Last Year
*ENVST 4800 Environmental & Sustainability Studies Internship
*ENVST 5554 Capstone: Climate & Energy

CAREER OUTLOOK

Educator
Climate change activist
Climate change researcher
Policy Maker
Energy Auditor

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

Electives (select seven courses)
ANTH 4186 Human Ecology (BF, SF)
ATMOS 3200/GEOG 3280 Mountain Weather & Climate
*ATMOS 5000 Introduction to Atmospheric Science (QI)
*ATMOS 5140 Physical Meteorology II: Atmos. Radiation (1.5 cr)
*ATMOS 5270 Wind Power Meteorology (1.5 cr)
*ATMOS 5400 The Climate System
BIOL 5440 Urban Ecology
*CHEM 1210/1215 General Chemistry & Lab I (SF)
CHEM 5640 Material Chemistry for Alternative Energy (2 cr)
CMP 4710 Intro to Transportation Planning
COMM 3115 Communicating Health, Science, Environment
COMM 3360 Environmental Communication
COMM 3365 Communicating Climate Change
ECON 3250 Introduction to Natural Resource Economics
*ECON 5250 Environmental & Natural Resource Economics
ECON 5260 Energy Policy Options for Utah
ENGL 5080 Environmental Literature
ENVST 3280 Organic Gardening (AS)
*ENVST 3390 Sustainable Streams and Riparian Zones
ENVST 3720 Environmental Health Disparities
FCS/PSY 3620 Environmental Psych & Sustainability
FCS 5450 Nonprofit Community Organizations
FCS 5730 Community and Environmental Change
GEO 3800 The Oceans (SF)
*GEOG 3215 Climate Change Impact, Adaptation & Mitigation
GEOG 3368 Energy Choices for 21st Century (SF)
GEOG 5205 Regional and Global Climates (SF)
*GEOG 5275 Vegetation & Climate Change
GEOG 5410 Paleoclimatology
GEOG 5435 The Oceans and Us
*H E D U 3700 Environmental Health
HIST 4380 US Environmental History (HF)
HIST 4860 Environmental History of China
*HONOR 3215 Global Environmental Change
*MATH 1210 Calculus I (QR)
*MATH 1220 Calculus II (QR)
POLS 5540 Nonprofit Advocacy
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)
*PHYS 2220/2225 Physics for Scientists & Engineers & Lab II (SF)
*PHYS 3150 Energy & Sustainability (IR)
SOC 3480 Environmental Sociology (IR)

No more than 4 from one department
*Courses have prerequisites

STEM Education