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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVST 2000</td>
<td>Introduction to Environmental Science (SF)</td>
</tr>
<tr>
<td>ENVST 2050</td>
<td>Introduction to Environmental and Sustainability Studies (BF)</td>
</tr>
</tbody>
</table>

*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)*

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**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 3070 Geospatial Analysis (QI, QB)*
- *POL 5001 Quantitative Analysis in Political Science (QI)*

**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)*
- *MG 3810 Business & Professional Communication (CW)*

**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 3070 Geospatial Analysis (QI, QB)
- POL 5001 Quantitative Analysis in Political Science (QI)

**Social Statistics (QI, QB)**

- ENVST 3210 Social Statistics (QI, QB)

**Methods Courses** (select one)

- ATMOS 5050 Environmental Instrumentation (2 cr)
- BIOL 3480 Biography of an Urban Stream
- *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)

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**Electives** (select seven courses)

- ATMOS 3000 Prof. Development in the Atmos. Sciences (1.5 cr)
- *ATMOS 3100 Atmospheric Chemistry & Air Pollution (IR)*
- *ATMOS 5000 Intro to Atmospheric Science (QI)*
- ATMOS/GEOG 5260 Snow Dynamics & Avalanche Studies
- *BIOL 5345 Natural History of the Colorado Plateau*
- *CHEM 1210/1215 General Chemistry & Lab I (SF)*
- CMP 3200 Ecology of Human Settlements
- CMP 4320 Green Communities
- CMP 4710 Intro to Transportation Planning
- COMM 3115 Communicating Health, Science, Environment
- COMM 5360 Environmental Communication
- ECON 3/5190 Health Economics
- ECON 3250 Intro to Environmental & Natural Resource Economics (BF)
- *ECON 5250 Environmental & Natural Resource Economics*
- 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 5630 Healthy Communities
- FCS 5730 Community and Environmental Change
- GEO 3300 The Water Planet (SF)
- GEO 3800 The Oceans (SF)
- *GEO 5350 Groundwater*
- *GEO 5470 Stable Isotope Biochemistry and Ecology*
- *GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)*
- GEOG 3/5292 Snow & Ice
- GEOG 3330 Urban Environmental Geography (SF)
- GEOG 5385 Environmental Assessment & Impact Analysis
- GEOG 5435 The Oceans and Us
- HEDU 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)*
- PHIL 3310 Science & Society (HF)
- PHIL 3530 Environmental Ethics (HF)
- PHIL 5530 Environmental Philosophy (HF)
- PHIL 5540 Hydrotopia: Water Mgt in the West
- *PHYS 2010/2015 General Physics & Lab I (SF)*
- *PHYS 2210/2215 Physics for Scientists & Engineers & Lab I (SF)*
- POLS 3321 Health Policy
- POLS 5510 Water Policy
- POLS 5540 Nonprofit Advocacy
- SOC 3480 Environmental Sociology (IR)

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**Sponsorship**

- 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)

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**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.

*No more than 4 from one department*

*Courses have prerequisites*