ENVST Land Management, Conservation, and Place with Anthropology Minor

REQUIRED CLASSES
ENVST 2000 Field Experience: Environment & Sustainability
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 3210 Global Climate Change (SF)
*ENVST 3364 Challenges to Global Sustainability (BF)
*ENVST 3365 Environmental Justice (DV)
POLS 5322 Environmental Policy

Statutes Courses (select one)
CMP 4010 Research Methods in Urban Ecology (QI)
*GEOG 3020 Geographic Analysis (QI, QB)
*MATH 3070 Applied Statistics (QI, QB)
*POL 5001 Quantitative Analysis in Political Science (QI)

Writing Courses (select one)
COMM 4550 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
GEOG 3270 Global Patterns of Life (CW, SF)
*MGT 3810 Business & Professional Communication (CW)
WRIT 3014 Scientific Writing (CW)
WRIT 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
BIOL 2355 Field Botany (2 cr)
*GEOG 3400 Computational & Field Meth in Applied Geology (2 cr)
*GEOG 3140 Introduction to GIS (QI)
POLS 3001 Political Analysis (QI, QB)
*ANTH 4334 Population Issues in Anthropology (QI, QB)
*PRT 3740 Program & Service Evaluation in Parks, Recreation & Tourism (QI, QB)
*GEOG 3040 Principles of Cartography (QI)
*GEOG 5712 PaleoenvIRONMENTal Field Methods
SOC 3111 Research Methods

To Be Completed in Your Last Year
*ENVST 4800 Environmental & Sustainability Studies Internship
*ENVST 5555 Capstone: Land Management, Conservation & Place

Electives (select seven courses)
ANTH 2055 Human Ecology of Sustainability
ANTH 4186 Human Ecology (BF, SF)
ANTH 4150 Evolution of Societies and Cultures

• Required:
  1010 Culture and the Human Experience

• One course from this list
  1020 Human Origins: Evolution and Diversity
  1030 World Prehistory: An Introduction
  1050 The Evolution of Human Nature
  1070 Introduction to Linguistics in Anthropology

• An additional 12 hours in Anthropology are required, at least 6 of which must be upper division (3000 or above).

All courses used toward a major or minor must be taken for a letter grade and completed with a "C" grade or better, and students must have a cumulative GPA of 2.5 in anthropology courses.

A maximum of 6 credits are allowed for the following:
  2000 level courses
  3969 Special Topics
  4950 Individual Research - which only count toward "Additional/Elective" area hours (these do not count toward "Topical" or "Geographical" area requirements).
# ENVST Land Management, Conservation and Place with PRT minor

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRT 1110</td>
<td>Leisure in Your Life</td>
<td>3</td>
</tr>
<tr>
<td>PRT 3100</td>
<td>Foundations of Parks, Recreation, and Tourism</td>
<td>3</td>
</tr>
</tbody>
</table>

### Electives (select seven courses)
- ANTH 2055: Human Ecology of Sustainability
- ANTH 4186: Human Ecology (BF, SF)
- ANTH 4150: Evolution of Societies and Cultures
- *BIOL 2010: Evolution & Diversification of Life*
- *BIOL 3410: Ecology & Evolution*
- *BIOL 3450: Rain Forest Ecology & Conservation (BF, SF)*
- BIOL 3710: Biology, Society & Public Engagement
- BIOL 3740: Conservation Biology (AS)
- *BIOL 5345: Natural History of the Colorado Plateau*
- *BIOL 5460: Plant Ecology in a Changing World*
- BIOL 5710: Biology & Society
- *CHEM 1210/1215: General Chemistry & Lab I (SF)*
- CMP 2010: Design Ecologies (BF)
- CMP 3100: Urban & Environmental Planning
- CMP 3200: Principles of Ecology for Planners
- CMP 3390: Fostering Sustainable Scientific & Human Perspective
- CMP 4710: Introduction to Transportation Planning
- CMP 4790: Natural Science for Sustainability in Built Environments
- COMM 5360: Environmental Communication
- ECON 3520: Introduction to Economic Geography
- *ECON 5250: Environmental Natural Resource Economics*
- ENGL 3250: The American West
- ENGL 4530: Studies in Environmental Literature
- *ENGL 5980: Ecocriticism*
- ENVST 5800: Sustainability in Costa Rica (IR)
- PCS 3620: Environmental Psychology & Sustainability
- PCS 5600: Environments & Human Behavior
- FCS 5630: Healthy Communities
- GEO 1050: National Parks: Geology Behind the Scenery (SF)
- *GEO 3180: Paleobiology*
- *GEO 3200: Natural Disasters*
- *GEO 3250: Geology of Utah (SF)*
- GEOG 3350: Resource Conservation & Environment Management (BF)
- *GEOG 3200: Geomorphology: Mountains, Rivers, Deserts (SF)*
- *GEOG 5350: Public Lands & Environmental Policy*
- HIST 4380: US Environmental History
- PHIL 3530: Environmental Ethics (HF)
- PHIL 5530: Environmental Philosophy (HF)
- POLS 5500: The Politics of Public Land Management
- PRT 5420: Ecology & Management of Wildland Recreation Settings
- PRT 5430: Recreation Issues in Human Dimensions of Wildlife

### Methods Courses (select one)
- BIOL 3155: Field Botany (2 cr)
  - GEOG 3400: Computational & Field Methods in Applied Geology (2 cr)
  - GEOG 3140: Introduction to GIS (QI)
- POLS 3001: Political Analysis (QI, Q8)
- ANTH 4334: Population Issues in Anthropology (QI, Q8)
- PRT 3780: Program & Service Evaluation in Parks, Recreation & Tourism (QI, Q8)
- GEOG 3040: Principles of Cartography (QI)
- GEOG 5712: Paleo-environmental Field Methods
- SOC 3111: Research Methods

### To Be Completed in Your Last Year
- ENVST 4800: Environmental & Sustainability Studies Internship
- ENVST 5555: Capstone: Land Management, Conservation & Place

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### CAREER OUTLOOK

**Bureau of Land Management**
US Forest Service

**Division of Wildlife Resources**
Fish & Game

**Department of Agriculture & Food & Forestry**
Land focused conservation organizations
ENVST Land Management, Conservation, and Place with Urban Ecology Minor

REQUIRED CLASSES

ENVST 2000 Field Experience: Environment & Sustainability
ENVST 2650 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental & Sustainability Studies (EF)
These three courses are pre-requisites for the upper division ENVST courses

ENVST 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)
CMP 4101 Research Methods in Urban Ecology (QI)
*GEOG 3020 Geographic Analysis (QI, QB)
*MATH 3070 Applied Statistics (QI, QB)
POLS 5001 Quantitative Analysis in Political Science (QI)

Writing Courses (select one)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
GEOG 3270 Global Patterns of Life (CW, SF)
*MGT 3810 Business & Professional Communication (CW)
WRIT 3014 Scientific Writing (CW)
WRIT 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
BIOL 2335 Field Botany (2 cr)
*GEOG 3400 Computational & Field Meth In Applied Geography (2 cr)
*GEOG 3140 Introduction to GIS (QI)
POLS 3031 Political Analysis (QI, QB)
*ANTH 4334 Population Issues in Anthropology (QI, QB)
*PRT 3780 Program & Service Evaluation in Parks, Recreation & Tourism (QI, QB)
*GEOG 3040 Principles of Cartography (QI)
*GEOG 5712 Paleoenvironmental Field Methods
SOC 3111 Research Methods

To Be Completed in Your Last Year
*ENVST 4990 Environmental & Sustainability Studies Internship
*ENVST 5555 Capstone: Land Management, Conservation & Place

CAREER OUTLOOK

Bureau of Land Management

Urban Ecology Minor

Academic Program Completion Plan for the Minor in Urban Ecology (18 credit hours)

With the successful completion of six undergraduate courses in urban ecology, a student from any major at the University of Utah may earn a minor in Urban Ecology.

Students must have a cumulative GPA of 2.7 or higher to be admitted to the minor.

To enter the minor, a student must first seek consultation from the City & Metropolitan Planning advisor for review and approval of the courses to be used. The student may then request to be coded into the minor.

Completion of six courses with a grade of B- or better are required as specified below.

1. All of the following Core Courses (Total 12 credit hours)
   CMP 2010 Introduction to Urban Ecology (3)
   CMP 3100 Urban & Environmental Planning (3)
   CMP 3200 Principles of Ecology for Planners (3)
   CMP 3390 Fostering Sustainable, Scientific & Human Perspective (3)
   CMP 4710 Introduction to Transportation Planning (3)
   CMP 4990 Natural Science for Sustainability in Built Environments (3)
   COMM 3360 Environmental Communication (3)
   ECON 2350 Intro to Env & Natural Resource Economics (3)
   ENGL 2050 Literature of the American West (3)
   ENGL 5850 Studies in Environmental Literature (3)
   *ENGL 5860 Ecocriticism (3)
   ENVST 5800 Sustainability in Costa Rica (IR)
   FCS 3620 Environmental Psychology & Sustainability (3)
   FCS 5600 Environmental & Human Behavior (3)
   FCS 5630 Healthy Communities (3)
   GEO 1050 National Parks: Geology Behind the Scenery (3)
   *GEO 3180 Paleobiology (3)
   *GEO 3200 Natural Disasters (3)
   *GEO 3250 Geology of Utah (SF)
   GEOG 3350 Resource Conservation & Environment Management (3)
   *GEOG 3200 Geomorphology, Mountains, Rivers, Deserts (3)
   *GEOG 3350 Public Lands & Environmental Policy (3)

2. Electives (6 credit hours) Selected from CMP 3000-level classes

*Students who have questions about the minor should book an advising appointment with the CMP Undergraduate Advisor
ENVST Air, Water, and Health with Geography Minor

REQUIRED CLASSES
ENVST 2000 Field Experience: Environment and Sustainability
ENVST 2050 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental and Sustainability Studies (BF)
*These three courses are pre-requisites for the upper division ENVST courses

ENVST 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 5504 Environmental Statistics (QI)
*COMM 3710 Intro to Quantitative Comm. Research (QI)
CMPL 4010 Research Methods in Urban Ecology (QI)

GEOG 3020 Geographic Analysis (QI, QP)
*MATH 3070 Applied Statistics (QI, QB)
POLS 5001 Quantitative Analysis In Political Science (QI)
SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)
BIOL 5415 Ecology Laboratory (CW)
COMM 4650 Environmental Reporting (CW)
CMPL 4260 Land, Law, & Culture (CW)
*MGST 3810 Business & Professional Communication (CW)
WRIT 3014 Scientific Writing (CW)
WRIT 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
*ATMOS 5505 Environmental Instrumentation (2 cr)
BIOL 3405 Landscape Ecology of Colorado Plateau
BIOL 3480 Biogeo of an Urban Stream
*CMPL 4450 GIS for Urban Ecologists (QI)
*GEOG 3140 Introduction to GIS (QI)

GEOG 5190 GIS Environmental & Public Health
POLS 3001 Political Analysis (QI, QI)
SOC 3111 Research Methods

To Be Completed in Your Last Year
*ENVST 4800 Environmental & Sustainability Studies Internship
*ENVST 5559 Capstone: Air, Water & Health

CAREER OUTLOOK
Educator: Environmental, Secondary & Post-Secondary

REQUIREMENTS FOR THE GEOGRAPHY MINOR
Students must complete five (5) courses of Geography required coursework (see list below) plus a minimum of two (2) courses of upper division (3000 level or above) Geography elective courses.

RESIDENCY REQUIREMENT: Students must complete at least 12 credit hours in the Department of Geography at the University of Utah.

All courses for the minor must be taken for a letter grade and completed with a C- or better.

PROGRAM OF STUDY
REQURED COURSES

- GEOG 1000 - Earth Environments and Global Change (3) (SF)
- GEOG 1400 - Human Geography (3) (BF)
- GEOG 3040 - Principles of Cartography (4)
- GEOG 3140 - Introduction to GIS (4) (QI)

ELECTIVE/EMPHASIS COURSES (UPPER DIVISION>3000)

- GEOG 3###
- GEOG 3###

TOTAL COURSES (min. 7)

TOTAL RESIDENCY HRS. (12 credit hrs. at U of U Geog. Dept.)
# ENVST Air, Water & Health with Economics Minor

**REQUIRED CLASSES**
- ENVST 2000 Field Experience: Environment and Sustainability
- ENVST 2050 Introduction to Environmental Science (SF)
- ENVST 2100 Introduction to Environmental and Sustainability Studies (BF)

These three courses are pre-requisites for the upper division ENVST courses.

- ENVST 3210 Global Climate Change (SF)
- ENVST 3364 Challenges to Global Sustainability (IR)
- ENVST 3365 Environmental Justice (DV)
- ECON 5322 Environmental Policy

### Statistics Courses (select one)
- ATOMS 3040 Environmental Statistics (QI)
- COMM 3770 Intro to Quantitative Comm. Research (QI)
- CMP 4010 Research Methods in Urban Ecology (QI)
- GEOG 4020 Geographic Analysis (QI, QB)
- MATH 3070 Applied Statistics (QI, QD)
- POLS 5001 Quantitative Analysis in Political Science (QI)
- SOC 3112 Social Statistics (QI, QD)

### Writing Courses (select one)
- BIOL 5415 Ecology Laboratory (CW)
- COMM 5650 Environmental Reporting (CW)
- CMP 4200 Land, Law, & Culture (CW)
- MGT 5110 Business & Professional Communication (CW)
- WRIT 3014 Scientific Writing (CW)
- WRIT 3420 Environmental Writing (CW, HF)

### Methods Courses (select one)
- ATOMS 5050 Environmental Instrumentation (2 cr)
- BIOL 3045 Landscape Ecology of Colorado Plateau
- BIOL 3450 Biology of an Urban Stream
- CMP 4400 GIS for Urban Ecologists (QI)
- GEOG 3410 Introduction to GIS (QI)
- GEOG 3430 GIS Environmental & Public Health
- POLS 3001 Political Analysis (QI, QD)
- SOC 3111 Research Methods

### To Be Completed in Your Last Year
- ENVST 4800 Environmental & Sustainability Studies Internship
- ENVST 5559 Capstone: Air, Water & Health

### CAREER OUTLOOK
- Educator: Environmental, Secondary & Post-Secondary

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## ECONOMICS MINOR REQUIREMENTS

### Graduation Requirements:
- Maintain a minimum cumulative GPA of 2.00 in all ECON courses.
- All minor courses must be completed with a C- or better.

### Required
- **ECON 2010 - Principles of Microeconomics** 3 Credit(s)
- **ECON 2020 - Principles of Macroeconomics** 3 Credit(s)

### History, Theory, Thought
- **Complete 1 course**
  - **ECON 4010 - Intermediate Microeconomic Analysis** 3 Credit(s)
  - **ECON 4020 - Intermediate Macroeconomic Analysis** 3 Credit(s)
- **ECON 5050 - Keynes on Paradox, Common Sense, Rationality and Passion** 3 Credit(s)
- **ECON 5060 - History of Economic Doctrines** 3 Credit(s)
- **ECON 5080 - Marxian Economics** 3 Credit(s)
- **ECON 5400 - Middle East Economic History** 3 Credit(s)
- **ECON 5410 - Survey of European Economic History** 3 Credit(s)
- **ECON 5420 - China and the Global Economy** 3 Credit(s)
- **ECON 5430 - Asian Economic History and Development** 3 Credit(s)
- **ECON 5460 - Latin American Economic History and Development** 3 Credit(s)
- **ECON 5470 - Industrialization and Economic Development: The American Case** 3 Credit(s)

### Electives
- Complete 9 additional hours in upper division Economics courses, not including **ECON 3905**, **ECON 3620** or **ECON 3640**.

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### Electives (select seven courses)
- ATOMS 3000 Prof. Development in the Atmos. Sciences (1.5 cr)
- ATOMS 3100 Atmospheric Chemistry & Air Pollution (IR)
- ATOMS 3200 Intro to Atmospheric Science (QI)
- ATOMS/GEOG 5260 Snow Dynamics & Avalanche Studies
- BIOL 5345 Natural History of the Colorado Plateau
- BIOL/GEOG 5470 Stable Isotope Biochemistry and Ecology
- CHEM 1210/1215 General Chemistry & Lab I (SF)
- CMP 3200 Principles of Ecology for Planners
- CMP 4380 Green Communities
- CMP 4710 Intro to Transportation Planning
- CMP 5270 Metropolitan Regional Planning
- CMP 5360 Environmental Planning: Law & Policy
- COMM 3115 Communicating Health, Science, Environment
- COMM 5360 Environmental Communication
- ECON 3550 Intro to Natural & Resource Economics (IR)
- ECON 3/5190 Health Economics
- ECON 3/5250 Environmental & Natural Resource Economics
- ENVST 5800 Sustainability in Costa Rica (IR)
- FCS 3620 Environmental Psych. & Sustainability
- FCS 5630 Healthy Communities
- GEO 3100 The Water Planet (SF)
- GEO 3800 The Oceans (SF)
- GEO 5250 Groundwater
- GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)
- GEOG 3/5292 Snow & Ice
- GEOG 3330 Urban Environmental Geography (SF)
- GEOG 5385 Environmental Assessment & Impact Analysis
- HEDU 3700 Environmental Health
- HIST 4380 US Environmental History (HF)
- MATH 1210 Calculus I (Qr)
- PHL 3310 Science & Society (HF)
- PHL 3530 Environmental Ethics (HF)
- PHL 5530 Environmental Philosophy (HF)
- PHL 5540 Hydrotopia: Water Mgt in the West
- PHYS 2010/2015 General Physics & Lab I (SF)
ENVST Air, Water, and Health with Sociology Minor

Sociology Minor

Students who are interested in studying Sociology, but are not able to fulfill the requirements of the full major should consider doing a Sociology Minor. To earn a Sociology Minor, students must complete two “core” Sociology courses SOC 1010 Intro to Sociology SOC 3111 Research Methods - or - SOC 3140 Social Theory

Plus an additional 12 credit hours of Sociology electives, 9 (or 6?) of which have to be upper-division courses (3000-level or higher).

Electives:
SOC 3410 SPECIAL TOPICS—GPS (3)  
SOC 3435 INEQUALITY,POWER & GLOBALIZATION (3)  
SOC 3440 SOCIOLOGY OF RELIGION (3) BF  
SOC 3436 GLOBAL SOCIAL STRUCTURE (3)  
SOC 3446 POLITICAL SOCIOLOGY (3)  
SOC 3480 ENVIRONMENTAL SOCIOLOGY (3) IR  
SOC 4085 CITIES & COMMUNITIES (3) CW  
SOC 3741 MIGRANTS & COMMUNITIES (3) IR  
SOC 3486 GLOBAL ENVIRONMENTAL CRISIS  
SOC 3422 SOCIAL MOVEMENTS  
SOC 3610 SPECIAL TOPICS—POP & HEALTH (3)  
SOC 3638 FAMILIES IN SOCIETY (3)  
SOC 3650 POPULATION & SOCIETY (3) QB, QI  
SOC 3653 GLOBAL POPULATION PROBLEMS (3) IR  
SOC 3671 SOCIOLOGY OF HEALTH (3)  
SOC 3673 SOCIAL EPIDEMIOLOGY (3) QB, QI  
SOC 3741 MIGRANTS & COMMUNITIES (3) IR  
SOC 3769 DISPARITIES OF HEALTH (3) DV  
SOC 4674 GLOBAL HEALTH (3) IR
ENVST Air, Water, and Health with Political Science Minor

The Political Science minor degree is open to any and all University of Utah students, regardless of their declared major. Before adding the minor degree, students must first have a declared major at the University of Utah.

All courses for the minor must be taken for a letter grade. The two introductory courses must receive a grade of at least C-. The overall GPA for all courses counted toward the minor must be at least a C.

- 18 Credit Hours - Political Science (POLS) Courses (must be taken for a grade)
- Overall cumulative GPA must be a minimum of 2.00
- 6 Credit Hours - Required Introductory Courses (grade must be C- or better)
- 12 Credit Hours - Upper-Division Level (3000-5999).
- Required Courses:

Choose 2 Introductory Classes

- POLS 1100 U.S. National Government (3)
- POLS 2100 Introduction to International Relations (3)
- POLS 2200 Introduction to Comparative Politics (3)
- POLS 2300 Introduction to Political Theory (3)

Upper-division Classes in Political Science 12 credit hours at 3000- to 5999-level.

A maximum of three (3) internship hours may be counted toward a degree. A minimum of nine (9) credit hours must be completed at the University of Utah.

Electives (select seven courses)
- POLS 5220 Environmental Policy
- *POLS 5001 Quantitative Analysis in Political Science (Q)
- SOC 3112 Social Statistics (Q, QI)
- Writing Courses (select one)
  - BIOL 5415 Ecology Laboratory (CW)
  - COMM 4650 Environmental Reporting (CW)
  - CMP 4200 Land, Law, & Culture (CW)
  - *MGST 3810 Business & Professional Communication (CW)
  - WRTG 3014 Scientific Writing (CW)
  - WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
- *ATMOS 5050 Environmental Instrumentation (2 cr)
- BIOL 3045 Biology of the Colorado Plateau
- BIOL 3480 Analysis of an Urban Stream
- *CMP 4490 GIS for Urban Ecologists (QI)
- *POLS 3100 Introduction to GIS (QI)
- *POLS 5190 GIS Environmental & Public Health
- *SOC 5011 Political Analysis (Q, QI)

To Be Completed in Your Last Year
- ENVST 4800 Environmental & Sustainability Studies Internship
- ENVST 5539 Capstone: Air, Water & Health

**CAREER OUTLOOK**

Educator: Environmental, Secondary & Post-Secondary
City, State or Federal Regulator
Lawyer/Public Policy Specialist
Unknown: Environmental Consultant

Political Science Minor

**ENVS 2020 Introduction to Environmental Science (SF)**
**ENVS 2100 Introduction to Environmental and Sustainability Studies (SF)**
These three courses are pre-requisites for the upper division ENVST courses.

**ENVS 3210 Global Climate Change (SF)**
**ENVS 3364 Challenges to Global Sustainability (IR)**
**ENVS 3365 Environmental Justice (DV)**

**POLS 3222 Environmental Policy**

**Statistics Courses (select one)**
- *ATMOS 5040 Environmental Statistics (QI)
- *COMM 3710 Intro to Quantitative Comm. Research (QI)
- CMP 4010 Research Methods in Urban Ecology (QI)
- *GEOG 3020 Applied Statistics (Q, QI)

**Writing Courses (select one)**
- BIOL 5415 Ecology Laboratory (CW)
- COMM 4650 Environmental Reporting (CW)
- CMP 4200 Land, Law, & Culture (CW)
- *MGST 3810 Business & Professional Communication (CW)
- WRTG 3014 Scientific Writing (CW)
- WRTG 3420 Environmental Writing (CW, HF)

**Methods Courses (select one)**
- *ATMOS 5050 Environmental Instrumentation (2 cr)
- BIOL 3045 Biology of the Colorado Plateau
- BIOL 3480 Analysis of an Urban Stream
- *CMP 4490 GIS for Urban Ecologists (QI)
- *GEOG 3190 Introduction to GIS (QI)
- *GEOG 5190 GIS Environmental & Public Health
- *POLS 3001 Political Analysis (Q, QI)
- *SOC 3111 Research Methods

**To Be Completed in Your Last Year**
- ENVST 4800 Environmental & Sustainability Studies Internship
- ENVST 5539 Capstone: Air, Water & Health
ENVST Air, Water, and Health with Urban Ecology Minor

REQUIRED CLASSES
ENVS 2000 Field Experience: Environment and Sustainability
ENVS 2050 Introduction to Environmental Science (SF)
ENVS 2100 Introduction to Environmental and Sustainability Studies (BF)

These three courses are pre-requisites for the upper division ENVST courses

ENVS 3210 Global Climate Change (SF)
*ENVS 3364 Challenges to Global Sustainability (IR)
*ENVS 3365 Environmental Justice (UV)
POLS 5322 Environmental Policy

Statistics Courses (select one)
*ATMOS 5040 Environmental Statistics (QI)
*COMM 3710 Intro to Quantitative Comm. Research (QI)
CMP 4010 Research Methods in Urban Ecology (QI)
*GEOG 3020 Geographic Analysis (QI, QB)
*MATH 3070 Applied Statistics (QI, Q8)
*POLS 5001 Quantitative Analysis in Political Science (QI)
SOC 3112 Social Statistics (QI, Q8)

Writing Courses (select one)
BIOL 5415 Ecology Laboratory (CW)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
*MGT 3810 Business & Professional Communication (CW)
WRTG 3014 Scientific Writing (CW)
WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
*ATMOS 5050 Environmental Instrumentation (2 cr)
BIOL 3045 Landscape Ecology of Colorado Plateau
BIOL 3480 Biographies of an Urban Stream
*CMP 4450 GIS for Urban Ecologists (QI)
*GEOG 3140 Introduction to GIS (QI)
*GEOG 5190 GIS Environmental & Public Health
POLS 3001 Political Analysis (QI, Q8)
SOC 3111 Research Methods

To Be Completed In Your Last Year
*ENVS 4800 Environmental & Sustainability Studies Internship
*ENVS 5559 Capstone: Air, Water & Health

Urban Ecology Minor

Academic Program Completion Plan for the Minor in Urban Ecology (18 credit hours)

With the successful completion of six undergraduate courses in urban ecology, a student from any major at the University of Utah may earn a minor in Urban Ecology.

Students must have a cumulative GPA of 2.7 or higher to be admitted to the minor. To enter the minor, a student must first seek consultation from the City & Metropolitan Planning advisor for review and approval of the courses to be used. The student may then request to be coded into the minor.

Completion of six courses with a grade of B- or better are required as specified below.

1. All of the following Core Courses (Total 12 credit hours)
   CMP 2010 Introduction to Urban Ecology (3)
   CMP 3100 Urban & Environmental Planning History & Practice
   OR
   HONORS 3101 People and Place I (3)
   CMP 3200 Principles of Ecology for Planners (3)
   CMP 4260 Land, Law, & Culture (3)

2. Electives (6 credit hours) Selected from CMP 3000-level classes

*Students who have questions about the minor should book an advising appointment with the CMP Undergraduate Advisor

CAREER OUTLOOK
30 x 11.60 in
Environmental, Secondary & Post-Secondary
ENVST Air, Water, and Health with Earth Science Minor

REQUIRED CLASSES

ENVST 2000 Field Experience: Environment and Sustainability
ENVST 2050 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental and Sustainability Studies (BF)

These three courses are pre-requisites for the upper division ENVST courses.

ENVST 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 (Q)
*COMM 3710 Intro to Quantitative Comm. Research (Q)
*CMP 4010 Research Methods in Urban Ecology (Q)
*GEOG 3020 Geographic Analysis (Q, Q8)
*MATH 3070 Applied Statistics (Q, Q8)
*POLS 5001 Quantitative Analysis in Political Science (Q)
SOC 3112 Social Statistics (Q, Q8)

Writing Courses (select one)
BIOI 5415 Ecology Laboratory (CW)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
*MGT 2810 Business & Professional Communication (CW)
WRTG 3014 Scientific Writing (CW)
WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
*ATMOS 5050 Environmental Instrumentation (2 cr)
BIOI 3045 Landscape Ecology of Colorado Plateau
BIOI 3480 Biography of an Urban Stream
*CMP 4450 GIS for Urban Ecologists (Q)
*GEOG 3140 Introduction to GIS (Q)
*GEOG 5190 GIS Environmental & Public Health
POLS 3001 Political Analysis (Q, Q8)
SOC 3111 Research Methods

To Be Completed in Your Last Year
*ENVST 4800 Environmental & Sustainability Studies Internship
*ENVST 5559 Capstone Air, Water & Health

CAREER OUTLOOK

Educator: Environmental, Secondary & Post-Secondary

EARTH SCIENCE MINOR

Required Courses:

Course | Title | Credits | Prerequisites
---|---|---|---
GEO 1110 | Intro to Earth Systems | 3 | N/A
GEO 1115 | Intro to Earth Systems Lab | 1 | N/A
GEO 1220 | Earth History | 3 | GEO 1110, 1115

Electives: Complete 6 credit hours

Course | Title | Credits | Prerequisites
---|---|---|---
GEO 1000 | Natural Disasters: Hollywood vs. Reality | 3 | N/A
GEO 1030 | Earthquakes and Volcanoes | 3 | N/A
GEO 1001 | Energy Resources in a Sustainable World | 3 | N/A
GEO 1040 | The World of Dinosaurs | 3 | N/A
GEO 1050 | National Parks: Geology Behind the Scenery | 3 | N/A

Additional Courses: Complete 6 credit hours

Course | Title | Credits | Prerequisites
---|---|---|---
GEO 3180 | Paleobiology | 3 | GEO 1110
GEO 3200 | Natural Disasters | 3 | MATH 1050
GEO 3250 | Geology & Scenery of Utah | 3 | GEO 1110
GEO 3260 | Geologic Field Trips in Utah | 3 | GEO 3250
GEO 3300 | The Water Planet | 3 | N/A
GEO 3400 | Computational & Field Methods in Applied Geology | 2 | Intro Geo Course

*Students who have questions about the minor should book an advising appointment with the Geology Undergraduate Advisor
ENVST Air, Water and Health with Philosophy Minor

REQUIRED CLASSES

ENVST 2000 Fossil Experience: Environment and Sustainability
ENVST 2050 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental and Sustainability Studies (BF)

*ENVST 3364 Challenges to Global Sustainability (IR)
*ENVST 3365 Environmental Justice (DV)
POL S 3122 Environmental Policy

Statistics Courses (select one)
*ATMOS 1020 Introduction to Statistical Analysis (Q)
*ATMOS 5040 Environmental Statistics (Q)
*COMM 3710 Intro to Quantitative Comm. Research (Q)
*CMP 4010 Research Methods in Urban Ecology (Q)
*GEOG 3020 Geographic Analyst (Q, Q8)
*MATH 3070 Applied Statistics (Q, Q8)
*POL S 5001 Quantitative Analysis in Political Science (Q)
SOC 3112 Social Statistics (Q, Q8)

Writing Courses (select one)
BIOL 5415 Ecology Laboratory (ICW)
COMM 6650 Environmental Reporting (CW)
COMP 4260 Land, Law, & Culture (CW)
*MGT 3860 Business & Professional Communication (CW)
WRTG 3014 Scientific Writing (CW)
WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
*ATMOS 5050 Environmental Instrumentation (2 cr)
BIOL 3045 Landscape Ecology of Colorado Plateau
BIOL 3480 Biogrophy of an Urban Stream
*CMP 4450 GIS for Urban Ecologists (Q)
*GEOG 3140 Introduction to GIS (Q)
*GEOG 5190 GIS Environmental & Public Health
POL S 3001 Political Analysis (Q, Q8)
SOC 3111 Research Methods

To Be Completed in Your Last Year
*ENVST 4800 Environmental & Sustainability Studies Internship
ENVST 5559 Capstone: Air, Water & Health

CAREER OUTLOOK

Education: Environment, Secondary & Post-Secondary
Civ. State or Federal Regulatory

PHILOSOPHY MINOR REQUIREMENTS:

<table>
<thead>
<tr>
<th>Areas</th>
<th>Minimum</th>
<th>Qualified Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>I Ethics and Value Theory</td>
<td>One course</td>
<td>3011*, 3500, 3510, 3520, 3530, 3700, 3710, 3720, 3730, 3740, 3750, 3800, 3820, 4540, 5130, 5191*, 5500, 5510, 5520, 5530, 5540, 5700, 5710, 5800</td>
</tr>
<tr>
<td>II Metaphysics and Epistemology</td>
<td>One course</td>
<td>3012*, 3300, 3310, 3350, 3370, 3375, 3400, 3440, 3600, 3680, 3800, 3850, 4540, 4592*, 5300, 5350†, 5370†, 5375†, 5400*, 5450, 5480*</td>
</tr>
<tr>
<td>III History of Philosophy</td>
<td>One course</td>
<td>3013*, 3810, 4110, 4120, 4130, 4140, 5040, 5060, 5110, 5120*, 5150*, 5193*, 5360</td>
</tr>
<tr>
<td>IV Logic and Formal Methods</td>
<td>One course</td>
<td>1250, 3200, 3210, 5200, 5210, 5220</td>
</tr>
</tbody>
</table>

Advanced Course Requirement
At least one course of the total 18 units must come from the 5000-level (or higher). These advanced courses do at the same time satisfy an Area Requirement, as indicated in the above table. (Note: the Advanced Course Requirement may not be satisfied by "independent study" coursework.)

Elective Requirement
Additional courses may be needed to bring your total to 18 units. Every course the philosophy department offers counts towards the Elective Requirement. Note that two kinds of courses count only towards this requirement, not meeting any other requirement. First, all lower division courses count as electives (i.e., 1000 level and 2000 level courses). Second, the four specifically religion-oriented courses we offer: Phil 3610 (Religions of India), Phil 3620 (Religions of China and Japan), Phil 3630 (Buddhist Thought), and Phil 3640 (World Religions). Since these courses are not primarily philosophical in content, they do not count towards any of our specific philosophy requirements, but they do count for the Elective Requirement.

The historical explanation of why the philosophy department offers these courses is that U of Utah does not have a Religion Department, the natural home for such courses. Note that Phil 3600 (Philosophy of Religion) is a philosophy course, and it meets the Area II requirement.
ENVST Climate & Energy with Geography Minor

REQUIRED CLASSES
ENVST 2000 Field Experience: Environment and Sustainability (SF)
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 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 Research Methods in Urban Ecology (QI)
*ECON 3640 Probability & Statistics for Economists (QR)
*GEOG 3020 Geographic Analysis (QI, QR)
*MATH 3070 Applied Statistics (QI, QR)
POLS 5001 Quantitative Analysis in Political Science (QI)
SOC 3112 Social Statistics (QI, QR)

Writing Courses (select one)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Law, Law, & Culture (CW)
*MGT 3010 Business & Professional Communication (CW)
WRITG 3410 Scientific Writing (CW)
WRITG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
*ATMOS 5050 Environmental Instrumentation (2 cr)
*CMP 4450 GIS for Urban Ecologists (QI)
*ECON 4600 Geometrics (QI)
*GEOG 3140 Introduction to GIS (QI)
*GEOG 5190 GIS & Environmental & Public Health
POLS 3001 Political Analysis (QI, QR)
SOC 3111 Research Methods

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

REQUIREMENTS FOR THE GEOGRAPHY MINOR

REQUIRED COURSES
• GEOG 1000 - Earth Environments and Global Change (3) (SF)
• GEOG 1400 - Human Geography (3) (BF)
• GEOG 3040 - Principles of Cartography (4)
• GEOG 3140 - Introduction to GIS (4) (QI)

ELECTIVE/EMPHASIS COURSES (UPPER DIVISION > 3000)
• GEOG 3###
• GEOG 3###

TOTAL COURSES (min. 7)

TOTAL RESIDENCY HRS. (12 credit hrs. at U of U Geog. Dept.)

*Students who have questions about the minor should book an advising appointment with the Geography undergraduate advisor
ENVST Climate & Energy and Geography Climate Change Certificate

REQUIRED CLASSES

ENVST 2000 Field Experience: Environment and Sustainability
ENVST 2050 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental & Sustainability Studies (8F)

These three courses are pre-requisites for the upper division ENVST courses

ENVST 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)
*MPH 4010 Research Methods in Urban Ecology (QI)
*ECON 3640 Probability & Statistics for Economists (QR)
*GEOG 3020 Geographic Analysis (QI, QB)
*MATH 3070 Applied Statistics (O, QB)
*POLS 5001 Quantitative Analysis in Political Science (QI)
SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)
COMM 4650 Environmental Reporting (CW)
CMPP 4260 Land, Law, & Culture (CW)
*MGT 3810 Business & Professional Communication (CW)
WRIT 3014 Scientific Writing (CW)
WRITG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
*ATMOS 5050 Environmental Instrumentation (2 cr)
*CMPP 4450 GIS for Urban Ecologists (QI)
*ECON 4650 Ecometrics (QI)
*GEOG 3140 Introduction to GIS (QI)
*GEOG 5190 GIS Environmental & Public Health
POLS 3001 Political Analysis (QI, QB)
SOC 3111 Research Methods

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

CAREER OUTLOOK
Educator: Secondary & Post-Secondary

GEOPHYCHCLIMATE CHANGE CERTIFICATE

All Program Courses
All courses for the certificate must be taken for a letter grade and completed with a C or better

Required
- ATMOS 5400 The Climate System 3
- OR
- GEOG 5205 Regional and Global Climates 3
- GEOG 5210 Global Climate Change 3
- GEOG 5215 Climate Change and Its Impacts 3

Sub-Total 9

3 Elective Courses
- ATMOS 3100 Atmospheric Chemistry & Air Pollution 3
- ATMOS 3200 Mountain Weather and Climate 3
- BIOL 3440/3460 Global Change Ecology/ Global Issues 3
- BIOL 5440 Urban Ecology 3
- BIOL 5490 Ecosystem Ecology 3
- ENVST 3365 Environmental Justice 3
- GEO 3300 Water Planet 3
- GEOG 5090 Medical Geography 3
- GEOG 5270 Biogeography: Global Patterns of Life 4
- GEOG 5275 Vegetation and Climate Change 3
- GEOG 5410 Paleoclimatology 3
- GEOG 5460 Popular Literature on Climate Change 3

Sub-Total (minimum) 9

Certificate Total 18-19 credits
ENVST Climate & Energy and Geography Hazards & Emergency Management Certificate

REQUIRED CLASSES

ENVST 2000 Field Experience: Environment and Sustainability
ENVST 2000 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)

These three courses are pre-requisites for the division ENVST courses

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

Statistics Courses (select one)
* ATMS 5540 Environmental Statistics (QI)
* COMM 3710 Intro to Quantitative Comm. Research (QI)
* CMP 4010 Research Methods in Urban Ecology (Q8)
* ECON 3640 Probability & Statistics for Economists (QR)
* GEOG 3020 Geographic Analysis (Q1, Q8)
* MATH 3070 Applied Statistics (Q1, Q8)
* POLS 5001 Quantitative Analysis in Political Science (Q1)
SOC 3111 Social Statistics (Q1, Q8)

Writing Courses (select one)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Law, Law, & Culture (CW)
*MGT 3810 Business & Professional Communication (CW)
WRTG 3014 Scientific Writing (CW)
WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
* ATMS 5050 Environmental Instrumentation (2 cr)
* CMP 4450 GIS for Urban Ecologists (QI)
* ECON 4650 Econometrics (QI)
* GEOG 3140 Introduction to GIS (QI)
* GEOG 5190 GIS, Environmental & Public Health
POLS 3601 Political Analysis (Q1, Q8)
SOC 3111 Research Methods

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

CAREER OUTLOOK
Educational Conditioning & Post Graduation

GEOGRAPHY HAZARDS & EMERGENCY MANAGEMENT CERTIFICATE

All Program Courses
All courses for the certificate must be taken for a letter grade and completed with a C or better

Required
• GEO 1000 Natural Disasters 3
• GEOG 3310 Introduction to Natural Hazards 3
• GEOG 3320 Geography of Terrorism & Security 3
• GEOG 3340 Geography of Disasters & Emergency Mgt 3
Sub-Total 9

Substantive Electives (select 2)
• ATMS 1010 Severe and Unusual Weather 3
• FCS 3620 Environment and Behavior 3
• GEO 1030 Earthquakes and Volcanoes 3
• GEO 5170 GeoHazards & Engineering Geomorphology 3
• GEOG 5215 Climate Change Impacts 3
• GEOG 5230 Pyrogeography 3
• HEDU 2720 Emergency Medical Response 3
• PSY 3171 Human Factors 3
• POLS 5965 Crisis Management 3
• SOC 3569 Terrorism, Violence and Aggression 3
Sub-Total 6

Technical Electives (select 1)
• GEOG 3140 Intro to Geographic Information Systems (GIS) 4
• GEOG 3110 Earth from Space: Remote Sensing of the Environment 3
Sub-Total (minimum) 3-4

Certificate Total 18-19 credits
ENVST Climate & Energy with Economics Minor

REQUIRED CLASSES
ENVST 2000 Field Experience: Environment and Sustainability
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 3210 Global Climate Change (SF)
*ENVST 3364 Challenges to Global Sustainability (IR)
*ENVST 3365 Environmental Justice (DV)
POL 5322 Environmental Policy

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

Writing Courses (select one)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
*MGMT 3810 Business & Professional Communication (CW)
WRIT 3014 Scientific Writing (CW)
WRIT 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 3140 Introduction to GIS (QI)
*GEOG 5190 GIS Environmental & Public Health
POL 3001 Political Analysis (QI, QB)
SOC 3112 Research Methods

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

ECONOMICS MINOR REQUIREMENTS

Graduation Requirements:
• Maintain a minimum cumulative GPA of 2.00 in all ECON courses.
• All minor courses must be completed with a C- or better.

Required
• ECON 2010 - Principles of Microeconomics 3 Credit(s)
• ECON 2020 - Principles of Macroeconomics 3 Credit(s)

History, Theory, Thought
(Complete 1 course)
• ECON 4010 - Intermediate Microeconomic Analysis 3 Credit(s)
• ECON 4020 - Intermediate Macroeconomic Analysis 3 Credit(s)
• ECON 5050 - Keynes on Paradox, Common Sense, Rationality and Passion 3 Credit(s)
• ECON 5060 - History of Economic Doctrines 3 Credit(s)
• ECON 5080 - Marxian Economics 3 Credit(s)
• ECON 5400 - Middle East Economic History 3 Credit(s)
• ECON 5410 - Survey of European Economic History 3 Credit(s)
• ECON 5420 - China and the Global Economy 3 Credit(s)
• ECON 5430 - Asian Economic History and Development 3 Credit(s)
• ECON 5460 - Latin American Economic History and Development 3 Credit(s)
• ECON 5470 - Industrialization and Economic Development: The American Case 3 Credit(s)

Electives
Complete 9 additional hours in upper division Economics courses, not including ECON 3905, ECON 3620 or ECON 3640.

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 & 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
CMP 5360 Environmental Planning: Law & Policy
COMM 3115 Communicating Health, Science, Environment
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
ECON 5250 Environmental & Natural Resource Economics
ECON 5260 Energy Policy Options for Utah
ENVST 5800 Sustainability in Costa Rica (BF)
FCS 3620 Environmental Psych & Sustainability
FCS 5450 Nonprofit Community Organizations
*GEOG 3800 The Oceans (SF)
*GEOG 3820 Climate Change & Its Impacts
GEOG 3368 Energy Choices for 21st Century (SF)
GEOG 5205 Regional and Global Climates (SF)
*GEOG 5275 Vegetation & Climate Change
GEOG 5410 Paleoclimatology
HEDU 3700 Environmental Health
HST 4360 US Environmental History (HF)
*MATH 1210 Calculus I (QI)
*MATH 1220 Calculus II (QI)
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)
ENVS 3210 Global Climate Change (SF)  
*ENVS 3364 Challenges to Global Sustainability (IR)  
*ENVS 3365 Environmental Justice (DV)  
POL 5322 Environmental Policy  

Statistics Courses (select one)  
*ATMOS 3040 Environmental Statistics (QI)  
*COMM 3710 Intro to Quantitative Comm. Research (QI)  
CMP 4010 Research Methods in Urban Ecology (QI)  
*ECON 3640 Probability & Statistics for Economists (QRI)  
*GEOG 3620 Geographic Analysis (QI, QBI)  
*MATH 3070 Applied Statistics (QI, QBI)  
*POLIS 5001 Quantitative Analysis in Political Science (QI)  
SOC 3112 Social Statistics (QI, QBI)  

Writing Courses (select one)  
COMM 4650 Environmental Reporting (CW)  
CMP 4260 Land, Law, & Culture (CW)  
*MTG 3810 Business & Professional Communication (CW)  
WRTG 3014 Scientific Writing (CW)  
WRTG 3420 Environmental Writing (CW, HF)  

Methods Courses (select one)  
*ATMOS 3050 Environmental Instrumentation (2 cr)  
*CMP 4450 GIS for Urban Ecologists (QI)  
*ECON 4650 Econometrics (QI)  
*GEOG 3140 Introduction to GIS (QI)  
*GEOG 5190 GIS Environmental & Public Health  
POLIS 3600 Political Analysis (QI, QBI)  
SOC 3111 Research Methods  

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

Electives (select seven courses)  
ANTH 4186 Human Ecology (BF, SF)  
ATMOS 3200* GEOG 3260 Mountain Weather & Climate  
*ATMOS 5000 Introduction to Atmospheric Science (QIB)  
*ATMOS 5140 Physical Meteorology & 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 5540 Material Chemistry for Alternative Energy (2 cr)  
CMP 4710 Intro to Transportation Planning  
CMP 5360 Environmental Planning: Law & Policy  
COMM 3115 Communicating Health, Science, Environment  
COMM 5360 Environmental Communication  
COMM 5365 Communicating Climate Change  
*ECON 5250 Environmental & Natural Resource Economics  
ECON 5260 Energy Policy Options for Utah  
ENVS 5800 Sustainability in Costa Rica (IR)  
FCS 3620 Environmental Psych & Sustainability  
FCS 5450 Nonprofit Community Organizations  
*GEOG 3800 The Oceans (SF)  
*GEOG 5215 Climate Change & Its Impacts  
GEOG 3360 Energy Choices for 21st Century (SF)  
GEOG 5205 Regional and Global Climates (SF)  
*GEOG 5275 Vegetation & Climate Change  
GEOG 5410 Paleo/Imatology  
HEDU 3700 Environmental Health  
HIST 4380 US Environmental History (HF)  
*MATH 1210 Calculus I (QR)  
*MATH 1220 Calculus II (QR)  
PHIL 3310 Science & Society (HF)  
PHIL 3550 Environmental Ethics (HF)  
PHIL 5530 Environmental Philosophy (HF)  
*PHYS 210/2105 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 3220/3225 Physics for Scientists & Engineers & Lab III (SF)  

*Students who have questions about the minor should book an advising appointment with the Atmospheric Sciences Undergraduate Advisor  

The Atmospheric Sciences minor provides students with an introduction to the impacts of the atmosphere upon society. A minor in Atmospheric Sciences provides a way to diversify a student’s background and apply fundamental scientific principles in an interdisciplinary way.  

Requirements  
Students must complete six required courses in the department, which should be selected in consultation with an Atmospheric Sciences advisor.  

Students who have not taken Calculus may choose from the courses in the table below.  

All Atmospheric Sciences courses must be passed with a letter grade of C- or higher.  

ATMOS 1010* Severe and Unusual Weather (3) (SF)  
ATMOS 1020* Climate Change (3) (SF)  
ATMOS 3000 Professional Development in the Atmospheric Sciences (1.5)  
ATMOS 3010* Weather Forecasting (1.5)  
ATMOS 3200 Mountain Weather and Climate  
ATMOS 5260 Snow Dynamics and Avalanche Studies (4)  
ATMOS 5400 The Climate System (3)  

*Students who have questions about the minor should book an advising appointment with the Atmospheric Sciences Undergraduate Advisor.
ENVST Climate & Energy with Urban Ecology Minor

REQUIRED CLASSES

ENVST 2000 Field Experience: Environment and Sustainability (SF)
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 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 Research Methods in Urban Ecology (QI)
*ECON 3640 Probability & Statistics for Economists (QI)
*GEOS 3020 Geographic Analysis (QI, QB)
*MATH 3070 Applied Statistics (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)
*MGT 3810 Business & Professional Communication (CW)
WRTG 3014 Scientific Writing (CW)
WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
*ATMOS 5050 Environmental Instrumentation (2 cr)
*CMP 4450 GIS for Urban Ecologists (QI)
*GEOS 3140 Introduction to GIS (QI)
*GEOS 5190 GIS for Environmental & Public Health
POLS 3001 Political Analysis (QI, QB)
SOC 3112 Research Methods

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

Electives (select seven courses)
ANTH 4166 Human Ecology (BF, SF)
ATMOS 3200/GEOS 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 3440 Urban Ecology
*CHEM 3210/3215 General Chemistry & Lab (SF)
CHEM 5640 Material Chemistry for Alternative Energy (2 cr)
CMP 4710 Intro to Transportation Planning
CMP 5360 Environmental Planning: Law & Policy
COMM 3115 Communicating Health, Science, Environment
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
*ECON 5250 Environmental & Natural Resource Economics
ECON 5260 Energy Policy Options for Utah
ENVST 5800 Sustainability in Costa Rica (RF)
FCS 3620 Environmental Psych & Sustainability
FCS 5450 Nonprofit Community Organizations
*GEOG 3900 The Oceans (SF)
*GEOG 3215 Climate Change & Its Impacts
GEOG 3368 Energy Choices for 21st Century (SF)
GEOG 5205 Regional and Global Climates (SF)
*GEOG 5275 Vegetation & Climate Change
GEOG 5410 Paleoclimatology
HEDU 3700 Environmental Health
HIST 4380 US Environmental History (HF)
*MATH 1210 Calculus I (QI)
*MATH 1220 Calculus II (QI)
PHIL 3310 Science & Society (HF)
PHIL 3530 Environmental Ethics (HF)
PHIL 5530 Environmental Philosophy (HF)
*PHYS 2210/2215 General Physics I/II (SF)
*PHYS 2220/2225 Physics for Scientists & Engineers I/II (SF)

Urban Ecology Minor

Students must have a cumulative GPA of 2.7 or higher to be admitted to the minor. To enter the minor, a student must first seek consultation from the City & Metropolitan Planning advisor for review and approval of the courses to be used. The student may then request to be coded into the minor.

Completion of six courses with a grade of B- or better are required as specified below.

1. All of the following Core Courses (Total 12 credit hours)
   CMP 2010 Introduction to Urban Ecology (3 credit hours)
   CMP 3100 Urban & Environmental Planning History & Practice
   OR
   HONORS 3101 People and Place I (3 credit hours)
   CMP 3200 Principles of Ecology for Planners (3 credit hours)
   CMP 4260 Land, Law & Culture (3 credit hours)

2. Electives (6 credit hours) Selected from CMP 3000-level classes

   *Students who have questions about the minor should book an advising appointment with the CMP undergraduate advisor
ENVST Climate & Energy with Mathematics Minor

REQUIRED CLASSES

**ENVST 2000** Field Experience: Environment and Sustainability
**ENVST 2050** Introduction to Environmental Science (SF)
**ENVST 2100** Introduction to Environmental & Sustainability Studies (BF)

_These three courses are prerequisites for the upper division ENVST courses_

**ENVST 3210** Global Climate Change (SF)
* **ENVST 3364** Challenges to Global Sustainability (IR)
* **ENVST 3365** Environmental Justice (DV)

**POLS 3322** Environmental Policy

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

Writing Courses  (select one)
* **COMM 4650** Environmental Reporting (CW)
* **COML 4350** Writing & Culture (CI, CW)
* **MGT 3810** Business & Professional Communication (CW)
* **WRTG 3014** Scientific Writing (CW)
* **WRTG 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 3140** Introduction to GIS (QI)
* **GEOG 5190** GIS Environmental & Public Health
* **POLS 3001** Political Analysis (QI, QR)
* **SOC 3111** Research Methods

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

MATH hematics Minor Requirements

Minimum Minor Hours: 26

Graduation Requirement
All courses must be completed with a grade of C or better.

Required Courses
Please see the Undergraduate Advisor regarding substitution of courses from the engineering math sequence.
* **MATH 1250** - Calculus for AP Students I 4 Credit(s)
* **MATH 1260** - Calculus for AP Students II 4 Credit(s)
* or
* **MATH 1210** - Calculus I 4 Credit(s)
* **MATH 1220** - Calculus II 4 Credit(s)
* **MATH 2210** - Calculus III 3 Credit(s)

Elective Courses
Select three other Mathematics courses with a prerequisite of at least Calculus II. Please have your choices approved by the Undergraduate Advisor. One elective must be either **MATH 2200** (recommended) or **MATH 2270** or **MATH 2250** in order to satisfy prerequisites for Foundations of Analysis.
ENVST Food Systems and Community Resilience with Nutrition Minor

**REQUISITE CLASSES**

- ENVST 2000 Field Experience: Environment and Sustainability
- ENVST 2050 Introduction to Environmental Science (SF)
- ENVST 2100 Introduction to Environmental Sustainability (8)

*These three courses are prerequisites for the upper-division ENVST courses*

ENVST 3210 Global Climate Change (SF)
*ENVST 3364 Challenges to Global Sustainability (IR)
*ENVST 3565 Environmental Justice (DV)
POL 3322 Environmental Policy

**Statistics Courses** (select one)
- CMP 4010 Research Methods in Urban Ecology (Q1)
- FCS 3319 Statistics in Family & Consumer Studies (Q1, Q8)
- GEOG 3020 Geographic Analysis (Q1, Q8)
- MATH 3070 Applied Statistics (Q1, Q8)
- POLS 3901 Quantitative Analysis in Political Science (Q1)
- SOC 3112 Social Statistics (Q1, Q8)

**Writing Courses** (select one)
- BIOL 3670 Science Comm. for Future Generations (CW)
- COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, and Culture (CW)
- MGT 3810 Business and Professional Communication (CW)
- WRTG 3420 Environmental Writing (CW and HF)

**Methods Courses** (select one)
- ANTH 4334 Population Issues in Anthropology (Q1, Q8)
- FCS 3319 Research Methods in Family & Consumer Studies
- GEOG 3014 Introduction to GIS (Q1)
- GEOG 5190 GIS Environmental & Public Health
- POLS 3001 Political Analysis (Q1, Q8)
- SOC 3111 Research Methods

**To Be Completed in Your Last Year**

- ENVST 4800 Environmental & Sustainability Studies Internship
- ENVST 5558 Capstone: Eating for Health, Justice & Sustainability

**CAREER OUTLOOK**

Educator: Environmental, Secondary & Post-Secondary

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**Nutrition Minor**

Before declaring a Nutrition minor, students must successfully complete BIOL 1210 (or AP Biology) with a C or better.

**Core courses:**
- NUTR 1020 Scientific Foundations of Nutrition & Health (3) AND
- NUTR 4440 Advanced Human Nutrition (4)

**Electives** (select seven courses)
- ANTH 4130 The Anthropology of Food
- ANTH 4156 The Evolution of the Human Diet
- ANTH 4349 Paleoethnobotany
- BIOL 1210 General Biology (SF)
- BIOL 1330 Plants & Society (AS)
- CHEM 1200 The Science of Food & Cooking (SF)
- CHEM 1210/1215 General Chemistry & Lab I (SF)
- CMP 2010 Design Ecologies (SF)
- CMP 3200 Principles of Ecology for Planners
- CMP 4030 Leadership in Community Engagement
- COMM 3415 Intro to Cultural Studies
- COMM 3435 Community Journalism
- COMM 5360 Environmental Communication
- ENVST 2280 Organic Gardening (AS)
- ENVST 5800 Sustainability in Costa Rica (IR)
- FCS 3620 Environmental Psychology & Sustainability
- FCS 5450 Nonprofit Community Organizations
- FCS 5530 Healthy Communities
- HEDU 4180 Community-Based Prevention Practices in Health Promotion & Education
- NUTR 1020 Scientific Foundations of Human Nutr. & Health (AS)
- NUTR 3220 Food Communication (BF)
- NUTR 3620 Cultural Aspects of Food (BF)
- PHIL 3310 Science & Society (HF)
- PHIL 3530 Environmental Ethics (HF)
- POLS 3026 Civic Engagement & Social Change
- POLS 3320 Intro to Public Policy Analysis
- POLS 5221 Health Policy
- PSY 2410 Eat, Work, Play, Sleep – Psychology of Everyday Life
- SOC 3480 Environmental Sociology (IR)
- SOC 3486 Global Environmental Crisis
- SOC 3650 Population & Society (Q1, Q8, IR)
- SOC 4086 Cities and Communities

*Students who have questions about the minor should book an advising appointment with the NUTR undergraduate advisor*
ENVST Food Systems and Community Resilience with Urban Ecology Minor

REQUISITE CLASSES
ENVST 2000 Field Experience: Environment and Sustainability
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 3210 Global Climate Change (SF)
*ENVS 3364 Challenges to Global Sustainability (IR)
*ENVS 3365 Environmental Justice (DV)

Academic Program Completion Plan for the Minor in Urban Ecology (18 credit hours)

With the successful completion of six undergraduate courses in urban ecology, a student from any major at the University of Utah may earn a minor in Urban Ecology.

Students must have a cumulative GPA of 2.7 or higher to be admitted to the minor. To enter the minor, a student must first seek consultation from the City & Metropolitan Planning advisor for review and approval of the courses to be used. The student may then request to be coded into the minor.

Completion of six courses with a grade of B- or better are required as specified below.

1. All of the following Core Courses (Total 12 credit hours)
   CMP 2010 Introduction to Urban Ecology (3)
   CMP 3100 Urban & Environmental Planning History & Practice
   OR
   HONORS 3101 People and Place I (3)
   CMP 3200 Principles of Ecology for Planners (3 credit hours)
   CMP 4260 Land, Law & Culture (3 credit hours)

2. Electives (6 credit hours) Selected from CMP 3000-level classes
   *Students who have questions about the minor should book an advising appointment with the CMP Undergraduate Advisor

CAREER OUTLOOK
Educator: Environmental, Secondary & Post-Secondary

Urban Ecology Minor

Academic Program Completion Plan for the Minor in Urban Ecology (18 credit hours)

With the successful completion of six undergraduate courses in urban ecology, a student from any major at the University of Utah may earn a minor in Urban Ecology.

Students must have a cumulative GPA of 2.7 or higher to be admitted to the minor. To enter the minor, a student must first seek consultation from the City & Metropolitan Planning advisor for review and approval of the courses to be used. The student may then request to be coded into the minor.

Completion of six courses with a grade of B- or better are required as specified below.

1. All of the following Core Courses (Total 12 credit hours)
   CMP 2010 Introduction to Urban Ecology (3)
   CMP 3100 Urban & Environmental Planning History & Practice
   OR
   HONORS 3101 People and Place I (3)
   CMP 3200 Principles of Ecology for Planners (3 credit hours)
   CMP 4260 Land, Law & Culture (3 credit hours)

2. Electives (6 credit hours) Selected from CMP 3000-level classes
   *Students who have questions about the minor should book an advising appointment with the CMP Undergraduate Advisor

CAREER OUTLOOK
Educator: Environmental, Secondary & Post-Secondary


**REQUIRED CLASSES**

- ENVST 2000 Field Experience: Environment and Sustainability
- ENVST 2050 Introduction to Environmental Science (SF)
- ENVST 2100 Introduction to Environmental & Sustainability Studies (BI)

*These three courses are pre-requisites for the upper division ENVST courses*

- ENVST 3210 Global Climate Change (SF)
- ENVST 3364 Challenges to Global Sustainability (IR)
- ENVST 3365 Environmental Justice (DV)
- POLS 3222 Environmental Policy

**Statistics Courses** (select one)

- *COMM 3710 Intro to Quantitative Comm. Research (QI)
- CMP 4010 Research Methods in Urban Ecology (QI)
- FCS 3210 Statistics in Family & Consumer Studies (QI, QB)
- *GEOG 3020 Geographic Analysis (QI, QB)
- *MATH 3070 Applied Statistics (QI, QB)
- *POL 5001 Quantitative Analysis in Political Science (QI)
- SOC 3112 Social Statistics (QI, QB)

**Writing Courses** (select one)

- BIOL 3670 Science COMM. for Future Generations (CW)
- COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, and Culture (CW)
- *MGT 3810 Business and Professional Communication (CW)
- WRTG 3420 Environmental Writing (CW and HF)

**Methods Courses** (select one)

- *ANTH 4334 Population Issues in Anthropology (QI, QB)
- CMP 4450 GIS for Urban Ecologists (QI)
- FCS 3200 Research Methods in Family & Consumer Studies
- *GEOG 3140 Introduction to GIS (QI)
- *GEOG 5190 GIS Environmental & Public Health
- POLS 3001 Political Analysis (QI, QB)
- SOC 3111 Research Methods

**To Be Completed in Your Last Year**

- *ENVST 4800 Environmental & Sustainability Studies Internship
- ENVST 5558 Capstone Eating for Health, Justice & Sustainability

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**Anthropology Minor**

To complete the Anthropology Minor, a minimum of 18 semester credit hours in anthropology are required, at least 12 of which must be completed at the University of Utah.

- **Required:**
  - 1010 Culture and the Human Experience
- **One course from this list**
  - 1020 Human Origins: Evolution and Diversity
  - 1030 World Prehistory: An Introduction
  - 1050 The Evolution of Human Nature
  - 1070 Introduction to Linguistics in Anthropology

- **An additional 12 hours in Anthropology are required, at least 6 of which must be upper division (3000 or above).**

All courses used toward a major or minor must be taken for a letter grade and completed with a "C" grade or better, and students must have a cumulative GPA of 2.5 in anthropology courses.

A maximum of 6 credits are allowed for the following:

- 2000 level courses
- 3969 Special Topics
- 4950 Individual Research - which only count toward "Additional/Elective" area hours (these do not count toward "Topical" or "Geographical" area requirements).
ENVST Food Systems and Community Resilience
with Consumer & Community Studies Minor

REQUIRED CLASSES
ENVST 2000 Field Experience: Environment and Sustainability
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 ENVS courses

ENVST 3210 Global Climate Change (SF)
* ENVST 3364 Challenges to Global Sustainability (IR)
* ENVST 3365 Environmental Justice (DV)
POLS 3522 Environmental Policy

Statistics Courses (select one)
* COMM 3710 Intro to Quantitative Comm. Research (QI)
* CMP 4010 Research Methods in Urban Ecology (QI)
FCS 3210 Statistics In Family & Consumer Studies (QI, QB)

* GEOG 3023 Geographic Analysis (QL, QB)
* MATH 3070 Applied Statistics (QL, QB)
* POLS 5001 Quantitative Analysis in Political Science (QI)
SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)
BIOL 3670 Science Comm. for Future Generations (CW)
COMM 4660 Environmental Reporting (CW)
CMP 4260 Law, Law, and Culture (CW)
* MGT 3810 Business and Professional Communication (CW)
WRITG 3420 Environmental Writing (CW and HF)

Methods Courses (select one)
ANTH 4334 Population Issues in Anthropology (QI, QB)
* CMP 4540 GIS for Urban Ecologists (QB)
FCS 3200 Research Methods in Family & Consumer Studies

* GEOG 3140 Introduction to GIS (QI)
* GEOG 5190 GIS Environmental & Public Health
POLI 3001 Political Analysis (QI, QB)
SOC 3111 Research Methods

To Be Completed in Your Last Year
* ENVST 4800 Environmental & Sustainability Studies Internship
* ENVST 5550 Capstone: Eating for Health, Justice & Sustainability

Electives (select seven courses)
ANTH 4130 The Anthropology of Food
ANTH 4155 The Evolution of the Human Diet
ANTH 4340 Paleoethnobotany
BIOL 1210 General Biology (SF)
BIOL 1330 Plants & Society (AS)
CHEM 1020 The Science of Food & Cooking (BF)
CHEM 1210/1215 General Chemistry & Lab (SF)
CMP 2010 Design Ecologies (BF)
CMP 3200 Principles of Ecology for Planners
CMP 3530 Leadership in Community Engagement
COMM 3415 Intro to Cultural Studies
COMM 3635 Community Journalism
COMM 5380 Environmental Communication
ENVST 3280 Organic Gardening (AS)
ENVST 5800 Sustainability in Costa Rica (IR)
FCS 3620 Environmental Psychology & Sustainability
FCS 5450 Nonprofit Community Organizations
FCS 5550 Healthy Communities
HEAL 4180 Community-Based Prevention Practices in Health Promotion & Education
NUTR 1020 Scientific Foundations of Human Nutr. & Health (AS)
NUTR 3220 Food Communication (BF)
NUTR 3620 Cultural Aspects of Food (IR)
PHIL 3310 Science & Society (HF)
PHIL 3350 Environmental Ethics (HF)
PHIL 5530 Environmental Philosophy (HF)
POLS 3026 Civic Engagement & Social Change
POLS 3320 Intro to Public Policy Analysis
POLS 5321 Health Policy
PSY 2410 Eat, Work, Play – Psychology of Everyday Life
SOC 3480 Environmental Sociology (IR)
SOC 3486 Global Environmental Crisis
SOC 3650 Population & Society (QI, QB, IR)
SOC 4085 Cities and Communities

Consumer and Community Studies (CCS)

Minimum CCS Minor Hours: 15 (at least 6 semester hours for the CCS major must be completed at the University of Utah). All CCS minor courses must be completed with a letter grade of C- or better.

1. CCS CORE (6 Credit Hours)
FCS 3450 Family Economic Issues (QI/BF)—or FCS 3500 Financial Skills for Life (3)
FCS 3600 Consumer and Community Policy (3)

2. CCS ELECTIVES (9 Credit Hours, at least 3 credits at 5000 level)
FCS 3180 Family, School, & Community Connections
FCS 3420 Housing Policy and Issues
FCS 3430 Family Advocacy and Policy
FCS 3450 Family Economic Issues
FCS 3470 International Consumer Policy
FCS 3500 Financial Skills for Life
FCS 3620 Environmental Psychology & Sustainability
FCS 5200 Family and Social Policy
FCS 5430 Families, Consumers, & Health
FCS 5450 Nonprofit community Organizations
FCS 5510 Building Family Wealth
FCS 5520 Retirement and Benefits Planning for Families
FCS 5530 Income Tax Planning for Families
FCS 5540 Protecting Family Wealth
FCS 5550 Family Financial Planning Capstone
FCS 5590 Intensive Spanish Culture and Community
FCS 5630 Healthy Communities
FCS 5700 Analyzing Community Growth: An Evidence-based Approach
FCS 5730 Community & Environmental Change
FCS 5950 Undergraduate Research
FCS 5962/5964 Special Topics in CCS
HNKLY 4900/4901/4902/4903 Internships
OR HNKLY 4910 Washington DC Encounter

CAREER OUTLOOK
Educator: Environmental, Secondary & Post-Secondary
ENVST Ecological Literacy and Social Change with Consumer & Community Studies Minor

REQUIRED CLASSES

ENVST 2000 Field Experience: Environment and Sustainability
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 3210 Global Climate Change (SF)
*ENVST 3364 Challenges to Global Sustainability (IR)
*ENVST 3365 Environmental Justice (DV)

POL 3222 Environmental Policy

Statistics Courses (select one)
*COMM 3710 Intro to Quantitative Comm. Research (Q)
CMPP 4010 Research Methods in Urban Ecology (Q)

FCS 3210 Statistics in Family & Consumer Studies (Q, QB)
*GEOP 3020 Geographic Analysis (Q, QB)
*MATH 3070 Applied Statistics (Q, QB)
*POLS 5001 Quantitative Analysis in Political Science (Q)
SOC 3112 Social Statistics (Q, QB)

Writing Courses (select one)
BIOL 3670 Science Comm. For Future Generations (CW)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
*MGT 3810 Business & Professional Communication (CW)
WRITG 3420 Environmental Writing (CW and HF)

Methods Courses (select one)
*COMM 4570 Visual Editing
*ENVST 5180 Field Ecology
ED PS 3030 Research & Inquiry In Education (BF)
ED PS 5720 Child Development & Learning
ED PS 5721 Adolescent Development & Learning

FCS 3200 Research Methods in Family and Consumer Studies

*GEOP 3140 Introduction to GIS (Q)
POLS 3001 Political Analysts (Q, QB)
SOC 3111 Research Methods

To Be Completed in Your Last Year
*ENVST 4800 Environmental & Sustainability Studies Internship
*ENVST 5557 Capstone: Teaching Environmental Literacy

Consumer and Community Studies (CCS)

Minimum CCS Minor Hours: 15 (at least 6 semester hours for the CCS major must be completed at the University of Utah). All CCS minor courses must be completed with a letter grade of C- or better.

1. CCS CORE (6 Credit Hours)
FCS 3450 Family Economic Issues (Q/BF) –or FCS 3500 Financial Skills for Life 3
FCS 3600 Consumer and Community Policy 3

2. CCS ELECTIVES (9 Credit Hours, at least 3 credits at 5000 level)
FCS 3180 Family, School, & Community Connections
FCS 3420 Housing Policy and Issues
FCS 3430 Family Advocacy and Policy
FCS 3450 Family Economic Issues
FCS 3470 International Consumer Policy
FCS 3500 Financial Skills for Life
FCS 3620 Environmental Psychology & Sustainability
FCS 5200 Family and Social Policy
FCS 5430 Families, Consumers, & Health
FCS 5450 Nonprofit community Organizations
FCS 5510 Building Family Wealth
FCS 5520 Retirement and Benefits Planning for Families
FCS 5530 Income Tax Planning for Families
FCS 5540 Protecting Family Wealth
FCS 5550 Family Financial Planning Capstone
FCS 5590 Intensive Spanish Culture and Community
FCS 5630 Healthy Communities
FCS 5700 Analyzing Community Growth: An Evidence-based Approach
FCS 5730 Community & Environmental Change
FCS 5950 Undergraduate Research
OR HNKLY 4900/4901/4902/4903 Internships

Electives (select seven courses)
ANTH 4186 Human Ecology (BF, SF)
ANTH 4245 Human Migration & Social Change (IR)
ART 4520 Artists As Cultural Workers: Art & Social Change
Biol 3710 Biology, Society & Public Engagement
COMM 3115 Communicating Health, Science, Environment
COMM 3290 Native American Activism (DV)
COMM 3030 Community & Social Responsibility (CW, HF)
COMM 3635 Community Journalism
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
COMM 5490 Communication & Social Justice
COMM 5670 Activism & New Media

CMP 2010 Design Ecologies (BF)
CMP 4030 Leadership in Community Engagement
ECON 5560 Gender & Econ. Development in 3rd World
*ECS 3150 Intro to Multicultural Education (DV)
ECS 3180 Home, School & Community Relations
ECS 4111 School & Society (DV, CW, HF)
*ECS 5715 Urban Education
*ENGL 5930 Theories of Race, Ethnicity, Nation
ENVST 5800 Sustainability in Costa Rica (IR)

FCS 3620 Environment & Behavior
FCS 5450 Nonprofit Community Organizations
FILM 3520 Documentary & Social Justice (FF)
GNDR 1100 Gender & Social Change (BF, DV)
*GNDR 5080 Gender, Power and Freedom
HIST 4300 Environmental History (HF)
PHIL 3310 Science & Society (HF)
PHIL 3530 Environmental Ethics (HF)
PHIL 3730 Justice & International Affairs (IR)
PHIL 5530 Environmental Philosophy (HF)
ENVST Ecological Literacy and Social Change with Political Science Minor

REQUIRED CLASSES
ENVST 2000 Field Experience: Environment and Sustainability
ENVST 2050 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)
*ENVST 3364 Challenges to Global Sustainability (IR)
*ENVST 3366 Environmental Justice (DV)

**Political Science Minor**
The Political Science minor degree is open to any and all University of Utah students, regardless of their declared major. Before adding the minor degree, students must first have a declared major at the University of Utah.

All courses for the minor must be taken for a letter grade. The two introductory courses must receive a grade of at least C-. The overall GPA for all courses counted toward the minor must be at least a C.

- 18 Credit Hours - Political Science (POLS) Courses (must be taken for a grade)
- Overall cumulative GPA must be a minimum of 2.00
- 6 Credit Hours - Required Introductory Courses (grade must be C- or better)
- 12 Credit Hours - Upper-Division Level (3000-5999).
- Required Courses:

Choose 2 Introductory Classes

- POLS 1100 U.S. National Government (3)
- POLS 2100 Introduction to International Relations (3)
- POLS 2200 Introduction to Comparative Politics (3)
- POLS 2300 Introduction to Political Theory (3)

Upper-division Classes in Political Science 12 credit hours at 3000- to 5999-level.

A maximum of three (3) internship hours may be counted toward a degree. A minimum of nine (9) credit hours must be completed at the University of Utah.

CAREER OUTLOOK
Non-profit organizations

Electives (select seven courses)
- ANTH 4166 Human Ecology (BF, SF)
- ANTH 4245 Human Migration & Social Change (IR)
- ART 4520 Artist as Cultural Worker, Art & Social Change
- BIOL 3710 Biology, Society & Public Engagement
- COMM 3115 Communicating Health, Science, Environment
- COMM 3290 Native American Activism (DV)
- COMM 3303 Community & Social Responsibility (CW, HF)
- COMM 3635 Community Journalism
- COMM 3636 Environmental Communication
- COMM 4490 Communication & Social Justice
- COMM 5670 Activism & New Media
- CMP 2010 Design Ecologies (BF)
- CMP 4030 Leadership in Community Engagement
- ECON 5560 Gender & Econ. Development In 3rd World
- ECON 5565 Intro to Multicultural Education (DV)
- ECS 4111 School & Society (DV, CW, HF)
- ECS 5715 Urban Education
- ENGL 5930 Theories of Race, Ethnicity, Nation
- ENVST 5800 Sustainability in Costa Rica (IR)
- FCS 3620 Environment & Behavior
- FCS 5450 Nonprofit Community Organizations
- FILM 3520 Documentary & Social Justice (FF)
- GNDR 3100 Gender & Social Change (BF, DV)
- GNDR 5080 Gender, Power and Freedom
- HIST 4380 Environmental History (HF)
- PHIL 3301 Science & Society (HF)
- PHIL 3530 Environmental Ethics (HF)
- PHIL 3730 Justice & International Affairs (IR)
- PHIL 3530 Environmental Philosophy (HF)
- POLS 3026 Civic Engagement & Social Change
- POLS 3320 Intro to Public Policy Analysis
- *POL 5625 International Ethics
- POLS 5810 Dem. Activism & Social Change/Research Seminar (CW)
- *PRT 5735 Youth Development

* indicates courses that must be completed with a grade of C- or better.
ENVST Ecological Literacy and Social Change and Strategic Communication Minor

REQUIRED CLASSES
ENVST 2000 Field Experience: Environment and Sustainability (3) [Corequisites: ENVS 2050]
ENVST 2100 Introduction to Environmental & Sustainability Studies (3) [Corequisites: ENVS 2050]

These three courses are pre-requisites for the upper division ENVST courses.

ENVST 3210 Global Climate Change (3)
*ENVS 3364 Challenges to Global Sustainability (3)
*ENVS 3365 Environmental Justice (DV)
POLS 5322 Environmental Policy

Statistics Courses (select one)
*COMM 3710 Intro to Quantitative Comm. Research (Q)

CMP 4010 Research Methods in Urban Ecology (Q)
FCS 3210 Statistics in Family & Consumer Studies (Q, Qd)
*GEOP 3020 Geographic Analysis (Q, Qd)
*MATH 3070 Applied Statistics (Q, Qd)
*POLIS 5001 Quantitative Analysis in Political Science (Q, Qd)
SOC 3112 Social Statistics (Q, Qd)

Writing Courses (select one)
BIOL 3670 Science Comm. For Future Generations (CW)
COMM 4650 Environmental Reporting (CW)

CMP 4260 Law, Law & Culture (CW)
*MGT 3810 Business & Professional Communication (CW)
WRTG 3420 Environmental Writing (CW and HF)

Methods/Courses (select one)
*COMM 4570 Visual Editing

*ENVST 5180 Field Ecology
ED PS 3030 Research & Inquiry in Education (BF)
ED PS 5720 Child Development & Learning
ED PS 5721 Adolescent Development & Learning
FCS 3200 Research Methods in Family and Consumer Studies
*GEOP 3140 Introduction to GIS (Q)
POLIS 3001 Political Analytics (Q, Qd)
SOC 3111 Research Methods

To Be Completed in Your Last Year
*ENVS 4800 Environmental & Sustainability Studies Internship
*ENVS 5557 Capstone: Teaching Environmental Literacy

CAREER OUTLOOK

Electives (select seven courses)
ANTH 4186 Human Ecology (BF, SF)
ANTH 4245 Human Migration & Social Change (BF)
ART 4520 Artists as Cultural Workers: Art & Social Change
BIOI 3710 Ecology, Society & Public Engagement
COMM 3115 Communicating Health, Science, Environment
COMM 3280 Native American Activism (DV)
COMM 3030 Community & Social Responsibility (CW, HF)
COMM 3635 Community Journalism
COMM 3665 Environmental Communication
COMM 3685 Communicating Climate Change
COMM 3690 Communication & Social Justice
COMM 5670 Activism & New Media

CMP 5201 Design Ecologies (BF)
CMP 4030 Leadership In Community Engagement
ECON 5500 Gender & Econ. Development in 3rd World
*ECS 3150 Intro to Multicultural Education (DV)
ECS 3180 Home, School & Community Relations
ECS 4111 School & Society (DV, CW, HF)
*ECS 5715 Urban Education
*ENGL 5930 Theories of Race, Ethnicity, Nation
ENVST 5800 Sustainability in Costa Rica (BF)
FCS 3620 Environment & Behavior
FCS 55450 Nonprofit Community Organizations
FILM 3520 Documentary & Social Justice (FF)
GNDR 1100 Gender & Social Change (BF, DV)
*GNDR 5080 Gender, Power and Freedom
HRT 4380 Environmental History (HF)
PHIL 3710 Science & Society (HF)
PHIL 3630 Environmental Ethics (HF)
PHIL 3730 Justice & International Affairs (IR)
PHIL 5530 Environmental Philosophy (HF)
POLS 3026 Civic Engagement & Social Change
POLS 3320 Introduction to Public Policy Analysis
*POLIS 5525 International Ethics
POLS 5810 Dem. Activism & Social Change/Research Seminar (CW)

STRATEGIC COMMUNICATION MINOR

Complete a total of 18 credits; 6 courses total (credit hours, university requirements, and pre-requisites are listed in parentheses).

Introductory/Required Course
COMM 2580 Strategic Communication Theory & Practice (3) (previously COMM 4580)

Foundational Courses: Choose two courses
COMM 3580 Strategic Communication, Special Topics (3)
COMM 3560 Video Production I (4)
COMM 3610 Internship (1-6)
COMM 3630 Absolute Communication (3)
COMM 3670 Principles of Advertising (3)
COMM 3680 Advertising Media Analysis and Planning (3)
COMM 3690 Making Brands Stick (3)
COMM 4570 Visual Editing (4)
COMM 4590 Writing for Strategic Communication (4) (CW) (pre-reqs: COMM 1610, COMM 2580 OR 4580)
COMM 5200 Persuasion & Political Communication (3)
COMM 5300 Mass Communication Law (4) (pre-req: COMM 1500 OR 3505)
COMM 5580 Public Relations Cases and Campaigns (4) (CW) (pre-reqs: COMM 1610, COMM 1500 OR 3505, COMM 2580 OR 4580)
COMM 5590 Integrated Marketing Communication (3)
COMM 5560 Media Ethics (3) (pre-req: COMM 1500 OR 3505)
COMM 5950 Advanced Special Topics in Strategic Communication (3)

Method/Theory Courses: Choose two courses; *One must be 3710 or 5710
COMM 1270 Analysis of Argument (3) (QBHF)
COMM 1500 Introduction to Media & Business Ethics (3) (HF) (previously COMM 3505)
COMM 2110 Introduction Interpersonal Communication (3) (BF)
COMM 3050 Theoretical Perspectives in Communication (3)
COMM 3115 Communicating Science, Health, Environment (3)
COMM 3140 Dangerous Liaisons in Relationships and Organizations (3)
COMM 3170 Introduction to Organizational Communication (3)
COMM 3405 Rhetoric: Aristotle to #twitter (3)
COMM 3550 Principles of Visual Communication (3)
*COMM 3710 Introduction to Quantitative Communication Research (3) (QA or QB) (Q)
*COMM 5710 Quantitative Communication Research (Q) (pre-req: COMM 3710)

Elective Course: Choose any additional COMM elective course
Choose any Communication course, including those from the Foundational & Method/Theory sections.
ENVST Ecological Literacy and Social Change with Sociology Minor

**ENVST 3210** Global Climate Change (SP)
**ENVST 3364** Challenges to Global Sustainability (BR)
**ENVST 3365** Environmental Justice (DV)

**POLS 5322** Environmental Policy

**Statistics Courses (select one)**
*COMM 3710 Intro to Quantitative Comm. Research (QI)
*GEOG 3020 Geographic Analysis (CI, QI)
*MATH 3070 Applied Statistics (QI, QB)

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

**Sociology Minor**

Students who are interested in studying Sociology, but are not able to fulfill the requirements of the full major should consider doing a Sociology Minor.

To earn a Sociology Minor, students must complete two “core” Sociology courses
**SOC 1010** Intro to Sociology
**SOC 3111** Research Methods - or - **SOC 3140** Social Theory

Plus an additional 12 credit hours of Sociology electives, 9 (or 6?) of which have to be upper-division courses (3000-level or higher).

**Electives:** (select seven courses)

**ANTH 4186** Human Ecology (BF, SF)
**ANTH 4245** Human Migration & Social Change (BR)
**ART 4520** Art as Cultural Work: Art & Social Change
**BIOL 3710** Biology, Society & Public Engagement
**COMM 3115** Communicating Health, Science, Environment
**COMM 3290** Native American Activism (DV)
**COMM 3630** Community & Social Responsibility (CI, HF)
**COMM 3635** Community Journalism
**COMM 5360** Environmental Communication
**COMM 5365** Communicating Climate Change
**COMM 5490** Communication & Social Justice
**COMM 5670** Activism & New Media
**CMP 3200** Design Ecologies (BF)
**CMP 4010** Leadership in Community Engagement
**ECON 5560** Gender & Econ. Development in 3rd World
 **ECS 3150** Intro to Multicultural Education (DV)
**ECS 3180** Home, School & Community Relations
**ECS 4111** School & Society (DV, CW, HF)
**ECS 5715** Urban Education
**ENGL 5930** Theories of Race, Ethnicity, Nation
**ENVST 5800** Sustainability in Costa Rica (IR)
**FCS 3620** Environment & Behavior
**FCS 5450** Nonprofit Community Organizations
**FILM 3520** Documentary & Social Justice (BF)
**GDNR 1100** Gender & Social Change (BF, DV)
**GNDR 5080** Gender, Power & Freedom
**HIST 4380** Environmental History (HF)
**PHIL 3310** Science & Society (HF)
**PHIL 3530** Environmental Ethics (HF)
**PHIL 3730** Justice in International Affairs (IR)
**PHIL 5530** Environmental Philosophy (HF)
**POL S 3026** Civic Engagement & Social Change
**POL S 3320** Intro to Public Policy Analysis
**POL S 5625** International Ethics
**POL S 5810** Dem. Activism & Social Change/Research Seminar (CW)
**PRT 5735** Youth Development
**SOC 3422** Social Movements
**SOC 3480** Environmental Sociology (IR)
**SOC 3486** Global Environmental Crisis
**SOC 3653** Global Population Problems (IR)
**SOC 4085** Cities & Communities (CW)
**THEA 4630** Theatre for Social Action

**To Be Completed In Your Last Year**

**ENVST 4800** Environmental & Sustainability Studies Internship
**ENVST 5557** Capstone: Teaching Environmental Literacy

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**CAREER OUTLOOK**

Non-profit organizations
State agencies-outreach & education (Dept. of Health, SLC Green)
Community organizing & development
Revolutionary
Educator/naturalist - museums, parks, etc.
# ENVST Ecological Literacy and Social Change and Diversity Certificate

**ENVST 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)  
- *COMM 3710 Intro to Quantitative Comm. Research (QI)  
- CMP 4010 Research Methods in Urban Ecology (QI)  
- FCS 3210 Statistics in Family & Consumer Studies (QI, QB)  
- *GEOG 3020 Geographic Analysis (QI, QB)  
- *MATH 3070 Applied Statistics (QI, QB)  
- *POLS 5001 Quantitative Analysis in Political Science (QI)  
- SOC 3112 Social Statistics (QI, QB)**

**Writing Courses** (select one)  
- BIOL 3670 Science Comm. For Future Generations (CW)  
- COMM 4650 Environmental Reporting (CW)  
- CMP 4260 Land, Law, & Culture (CW)  
- *MGT 3810 Business & Professional Communication (CW)  
- WRTG 3420 Environmental Writing (CW and HF)**

**Methods Courses** (select one)  
- *COMM 4570 Visual Editing  
- *ENVST 5140 Field Ecology  
- ED PS 3030 Research & Inquiry in Education (SF)  
- ED PS 5720 Child Development & Learning  
- ED PS 5721 Adolescent Development & Learning  
- FCS 3200 Research Methods in Family and Consumer Studies  
- *GEOG 3140 Introduction to GIS (QI)  
- *POLS 3001 Political Analysis (QI, QB)  
- SOC 3111 Research Methods**

**To Be Completed in Your Last Year**  
- ENVST 4800 Environmental & Sustainability Studies Internship  
- ENVST 5557 Capstone: Teaching Environmental Literacy

## Electives (select seven courses)  
- ANTH 4116 Human Ecology (SF, SF)  
- ANTH 4242 Human Migration & Social Change (IR)  
- ART 4520 Artist as Cultural Worker: Art & Social Change  
- BIOL 3710 Biology, Society & Public Engagement  
- COMM 3115 Communicating Health, Science, Environment  
- COMM 3290 Native American Activism (DV)  
- COMM 3030 Community & Social Responsibility (CW, HF)  
- COMM 3635 Community Journalism  
- COMM 5360 Environmental Communication  
- COMM 5365 Communicating Climate Change  
- COMM 5490 Communication & Social Justice  
- COMM 5670 Activism & New Media  
- CMP 2010 Design Ecologies (BF)  
- CMP 4030 Leadership in Community Engagement  
- ECON 3560 Gender & Econ Development in 3rd World  
- ECE 3150 Intro to Multicultural Education (DV)  
- ECS 3180 Home, School & Community Relations  
- ECS 4111 School & Society (DV, CW, HF)  
- *ECS 5715 Urban Education  
- *ENGL 5930 Theories of Race, Ethnicity, Nation  
- ENVST 5690 Sustainability in Costa Rica (IR)  
- FCS 3620 Environment & Behavior  
- FCS 5450 Nonprofit Community Organizations  
- FILM 3202 Documentary & Social Justice (FF)  
- GNDR 1100 Gender & Social Change (FF, DV)  
- GNDR 5080 Gender, Power & Freedom  
- HIST 4380 Environmental History (HF)  
- PHIL 3310 Science & Society (HF)  
- PHIL 3530 Environmental Ethics (HF)  
- PHIL 3730 Justice & International Affairs (IR)  
- PHIL 5530 Environmental Philosophy (HF)  
- POLS 4026 Civic Engagement & Social Change  
- POLS 4320 Intro to Public Policy Analysis  
- *POLS 5625 International Ethics  
- POLS 5810 Dem. Activism & Social Change/Research Seminar (CW)  
- *PRTD 3735 Youth Development  
- SOC 3422 Social Movements  
- SOC 3480 Environmental Sociology (IR)  
- SOC 3486 Global Environmental Crisis  
- SOC 3653 Global Population Problems (IR)  
- SOC 4085 Cities & Communities (CW)  
- THEA 4630 Theatre for Social Action

## Diversity Certificate Requirements

The certificate must be officially declared with the Sociology Academic Advisor. For more information visit soc.utah.edu or email socadv@soc.utah.edu

### DIVERSITY CERTIFICATE

#### DIVERSITY CORE (3 Credit Hours) Required

- SOC 3380 Social Inequalities (3) DV

#### DIVERSITY ELECTIVE COURSES: (9 credit hours) CHOOSE 3

- Regularly offered courses:  
  - SOC 4085 Cities & Communities (3) CW  
  - SOC 3337 Gender & Sexuality (3) DV BF  
  - SOC 3365 Ethnic Minorities in America (3) DV BF  
  - SOC 3381 Expl Inequality Through Music & Film (3) DV  
  - SOC 3393 Diversity Internship (3)  
  - SOC 3365 Women & Crime (3)  
  - SOC 3760 Heath Disparities: Race & Ethnicity (3)

- Less frequently offered courses:  
  - SOC 3200 Diversity Service Learning (3) DV  
  - SOC 3334 Race, Class & The American Dream (3)  
  - SOC 3310 Latina/o Sociology (3)

#### DIVERSITY ALLIED COURSES: (6 credit hours) CHOOSE 2

- ANTH 3111 First Nations of Eastern N. America  
- ANTH 3112 First Nations of Western N. America  
- ANTH 4141 Ethnicity & Nationalism (3)  
- ANTH 4183 Sex & Gender: Biosocial Perspectives (3)  
- ANTH 4215 Race & Culture (3)  
- ETHNC Any three-credit course  
- FCS 3290 Ethnic Minority Families (3)  
- FCS 5390 Minority & Margins Across the Lifespan (3)  
- ECON 5140 Discrimination in the Labor Markets  
- ECON 5180 Poverty and Inequality (3)  
- ECON 5170 Feminist Economics (3)  
- ECON 5560 Gender & Econ Development/Third World (3)  
- GNDR Any three-credit hour course  
- POLS 3140 Gender and Politics (3)  
- POLS 3190 Racial and Ethnic Politics (3)  
- POLS 3250 Gender, Ethics, and Public Policy (3)  
- POLS 5140 Feminist Political Theory (3)  
- POLS 5324 Disability Studies (3)  
- POLS 5430 Asian American Politics (3)  
- POLS 5440 Nationalism & Ethnic Conflict (3)  
- PSYCH 3040 Psychology of Gender (3)  
- PSYCH 3245 Human Sexuality (3)  
- PSYCH 3450 Intro to Cross-Cultural Psychology (3)  
- PSYCH 4450 Intergroup Relations (3)  
- PSYCH 5280 Culture and Diversity (3)  
- SW 3550 Social Diversity and Cultural Understanding (3)  
- SW 3564 Native Americans in Modern Society (3)  
- SW 5535 Social Justice Advocacy Techniques and Skills
ENVST Ecological Literacy and Social Change with Gender Studies Minor

REQUIRED CLASSES
ENVST 2000 Field Experience: Environment and Sustainability
ENVST 2050 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental & Sustainability Studies (SF)
These three courses are pre-requisites for the upper division ENVST courses.

ENVST 3210 Global Climate Change (SF)
*ENVST 3364 Challenges to Global Sustainability (II)  
*ENVST 3366 Environmental Justice (DV)  
POLS 5322 Environmental Policy

Statistics Courses (select one)  
*COMM 3710 Intro to Quantitative Comm. Research (QI)  
CMPS 4010 Research Methods in Urban Ecology (QI)  
FCS 3210 Statistics in Family & Consumer Studies (QI, QII)  
*GEOG 3200 Geographic Analysis (QI, QII)  
*MATH 3070 Applied Statistics (QI, QII)  
*POLS 5001 Quantitative Analysis in Political Science (QI)  
SOC 3112 Social Statistics (QI, QII)

Writing Courses (select one)  
BIOL 3670 Science Comm. For Future Generations (CW)  
COMM 4660 Environmental Reporting (CW)  
CMPS 4260 Land, Law, & Culture (CW)  
*MGT 3810 Business & Professional Communication (CW)  
WRTG 3120 Environmental Writing (CW and HF)

Methods Courses (select one)  
*COMM 4570 Visual Editing  
ENVST 5180 Field Ecology  
ED PS 3030 Research & Inquiry in Education (BF)  
ED PS 5720 Child Development (BF)  
ED PS 5721 Adolescent Development & Learning  
FCS 3200 Research Methods in Family and Consumer Studies  
*GEOG 3140 Introduction to GIS (QI)  
POLS 3001 Political Analysis (QI, QII)  
SOC 3111 Research Methods

To Be Completed In Your Last Year  
*ENVST 4800 Environmental & Sustainability Studies Internship  
*ENVST 5557 Capstone: Teaching Environmental Literacy

GENDER STUDIES MINOR REQUIREMENTS

Introductory Course, complete 1:  
GNDR 1100 – Gender and Social Change  
GNDR 2500 – Here I Stand  
GNDR 3690 – Gender and Contemporary Issues

Protests and Movement:  
GNDR 3100 – Medusa and Manifestos

Intro to Feminist Theories:  
GNDR 3900 – Intro to Feminist Theories

Theory Courses, complete 1:  
GNDR 4900  
GNDR 5070  
GNDR 5080 – Gender, Power and Freedom  
GNDR 5090  
GNDR 5880  
GNDR 5940

Electives:  
Complete 1 course from:  
GNDR 4900, GNDR 5745, 5755, 5760, 5765, 5770, 5775, 5790, 5960

Complete 2 courses from:  
GNDR 1060, GNDR 1100, GNDR 2080, GNDR 2500, GNDR 2800, GNDR 3040, GNDR 3140, GNDR/SOC 3337,  
GNDR/SOC 3380, GNDR/SOC 3381, GNDR 3400, GNDR 3500, GNDR/SOC 3565, GNDR 3570, GNDR 3575, GNDR 3610, GNDR 3635, GNDR/SOC 3638, GNDR 3690, GNDR 3730, GNDR 3950, GNDR 3960, GNDR/ATH 4110, HIST 4280, GNDR 4600, GNDR 4610, GNDR 4630, GNDR 4650,  
GNDR 4670, GNDR 4999, GNDR/POLS 5140, GNDR 5170, GNDR 5390, GNDR/ECON 5560, GNDR 5622, GNDR 5940,  
GNDR 5950, GNDR 5960, GNDR 5990

ELECTIVES
(select seven courses)  
ANTH 4180 Human Ecology (BF-QI)  
ANTH 4245 Human Migration & Social Change (II)  
ART 4520 Artist as Cultural Worker: Art & Social Change  
BIOL 3710 Biology, Society & Public Engagement  
COMM 3115 Communicating Health, Science, Environment  
COMM 3200 Native American Activism (EV)  
COMM 3200 Community & Social Responsibility (CW, HF)  
COMM 3635 Community Journalism  
COMM 3650 Environmental Communication  
COMM 5365 Communicating Climate Change  
COMM 5450 Communication & Social Justice  
COMM 5670 Activism & News Media  
CMPS 2010 Design Ecologies (BF)  
CMPS 4030 Leadership in Community Engagement  
ECO 5560 Gender & Econ. Development in 3rd World  
*ECO 3150 Intro to Multicultural Education (DV)  
ECS 3180 Home, School & Community Relations  
ECS 4111 School & Society (QI, QII)  
*ECS 5205 Urban Education  
*ENGL 5930 Toxics of Race, Ethnicity, Nation  
ENVST 5800 Sustainability in Costa Rica (II)  
FCS 3620 Environment & Behavior  
FCS 5450 Nonprofit Community Organizations  
FILM 3520 Documentary & Social Justice (FF)  
GNDR 1100 Gender & Social Change (BF, DV)  
*GNDR 5980 Gender, Power and Freedom  
HIST 4380 Environmental History (HF)  
PHIL 3310 Science & Society (HF)  
PHIL 3530 Environmental Ethics (HF)  
PHIL 3730 Justice & International Affairs (QI)  
PHIL 5530 Environmental Philosophy (HF)  
POLS 3026 Civic Engagement & Social Change  
POLS 3320 Intro to Public Policy Analysis  
POLS 5670 International Ethics  
POLS 5680 Urban, Activism & Social Change/Research Seminar (CW)  
POLS 5989 Internship
ENVST Ecological Literacy and Social Change with Philosophy Minor

REQUIRED CLASSES

ENVST 2000 Field Experience: Environment and Sustainability
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 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)
*COMM 3710 Intro to Quantitative Comm. Research (QI)
CMP 4010 Research Methods In Urban Ecology (QI)
FCS 3210 Statistics In Family & Consumer Studies (QI, QB)
*GEOG 3020 Geographic Analysis (QI, QB)
*MATH 3070 Applied Statistics (QI, QB)
*POLIS 5001 Quantitative Analysis In Political Science (QI)
SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)
BIOL 3670 Science Comm. For Future Generations (CW)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
*MGT 3810 Business & Professional Communication (CW)
WRTG 3420 Environmental Writing (CW and HF)

Methods Courses (select one)
*COMM 4570 Visual Editing
*ENVST 5180 Field Ecology
ED PS 3030 Research & Inquiry in Education (BF)
ED PS 5720 Child Development & Learning
ED PS 5721 Adolescent Development & Learning
FCS 3200 Research Methods in Family and Consumer Studies
*GEOG 3140 Introduction to GIS (QI)
POLS 3001 Political Analysis (QI, QB)
SOC 3111 Research Methods

To Be Completed in Your Last Year
*ENVST 4800 Environmental & Sustainability Studies Internship
*ENVST 5557 Capstone: Teaching Environmental Literacy

PHILOSOPHY MINOR REQUIREMENTS:

<table>
<thead>
<tr>
<th>Areas</th>
<th>Minimum</th>
<th>Qualified Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>I Ethics and Value Theory</td>
<td>One course</td>
<td>3011*, 3500, 3510, 3520, 3530, 3700, 3710, 3720, 3730, 3740, 3750, 3800, 3820, 4540, 5130, 5191*, 5500, 5510, 5520, 5530, 5540, 5700, 5710, 5800</td>
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<tr>
<td>II Metaphysics and Epistemology</td>
<td>One course</td>
<td>3012*, 3300, 3310, 3350, 3370, 3375, 3400, 3440, 3600, 3640, 4400, 4450, 4480, 5192*, 5300, 5350*, 5370*, 5375*, 5400*, 5450*, 5480*</td>
</tr>
<tr>
<td>III History of Philosophy</td>
<td>One course</td>
<td>3013*, 3810, 4110, 4120, 4130, 4140, 5040, 5060, 5110, 5120*, 5150*, 5193*, 5360</td>
</tr>
<tr>
<td>IV Logic and Formal Methods</td>
<td>One course</td>
<td>1250, 3200, 3210, 5200, 5210, 5220</td>
</tr>
</tbody>
</table>

Electives (select seven courses)

ANTH 4186 Human Ecology (BF, SF)
ANTH 4245 Human Migration & Social Change (IR)
ART 4520 Artist as Cultural Worker: Art & Social Change
BIOL 3710 Biology, Society & Public Engagement
COMM 3115 Communicating Health, Science, Environment
COMM 3290 Native American Activism (DV)
COMM 3305 Community & Social Responsibility (CW, HF)
COMM 3635 Community Journalism
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
COMM 5490 Communication & Social Justice
COMM 5670 Activism & New Media
CMP 2010 Design Ecologies (BF)
CMP 4030 Leadership In Community Engagement
CON 5540 Gender & Economic Development In 3rd World
*ECS 3150 Intro to Multicultural Education (DV)
ECS 3180 Home, School & Community Relations
ECS 4110 School & Society (DV, CW, HF)
*ECS 5715 Urban Education
*ENGL 5950 Theories of Race, Ethnicity, Nation
ENVST 5800 Sustainability In Costa Rica (IR)
FCS 3620 Environment & Behavior
FCS 5450 Nonprofit Community Organizations
FILM 3520 Documentary & Social Justice (FF)
GNDR 1100 Gender & Social Change (BF, DV)
*GNDR 5080 Gender, Power and Freedom
HIST 4380 Environmental History (HF)
PHIL 3310 Science & Society (HF)
PHIL 3350 Environmental Ethics (HF)
PHIL 3730 Justice & International Affairs (IR)
PHIL 5530 Environmental Philosophy (WF)
POLS 2026 Civic Engagement & Social Change
POLIS 3320 Intro to Public Policy Analysis
*POLIS 5625 International Ethics
POLS 5810 Dem. Activism & Social Change/Research Seminar (CW)

Advanced Course Requirement

At least one course of the total 18 units must come from the 5000-level (or higher). These advanced courses do at the same time satisfy an Area Requirement, as indicated in the above table. (Note: the Advanced Course Requirement may not be satisfied by "independent study" coursework.)

Elective Requirement

Additional courses may be needed to bring your total to 18 units. Every course the philosophy department offers counts towards the Elective Requirement. Note that two kinds of courses count only towards this requirement, not meeting any other requirement. First, all lower division courses count as electives (i.e., 1000 level and 2000 level courses). Second, the four specifically religion-oriented courses we offer: Phil 3610 (Religions of India), Phil 3620 (Religions of China and Japan), Phil 3630 (Buddhist Thought), and Phil 3640 (World Religions). Since these courses are not primarily philosophical in content, they do not count towards any of our specific philosophy requirements, but they do count for the Elective Requirement. The historical explanation of why the philosophy department offers these courses is that U of Utah does not have a Religion Department, the natural home for such courses. Note that Phil 3600 (Philosophy of Religion) is a philosophy course, and it meets the Area II requirement.
ENVST Ecological Literacy and Social Change with Social Justice Advocacy Certificate

REQUIRED CLASSES

ENVST 2000 Field Experience: Environment and Sustainability
ENVST 2050 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)

These three courses are prerequisites for the upper division ENVST courses.

ENVST 3210 Global Climate Change (SF)
*ENVST 3364 Challenges to Global Sustainability (R)
*ENVST 3365 Environmental Justice (DV)

POL 3322 Environmental Policy

Statistics Courses (select one)
*COMM 3710 Intro to Quantitative Comm. Research (Qi)
CMP 4010 Research Methods in Urban Ecology (Qi)
FCS 3210 Statistics in Family & Consumer Studies (Qi, QB)
*GEOG 3020 Geographic Analysis (Qi, QB)
*MATH 3070 Applied Statistics (Qi, QB)
*POL 3501 Quantitative Analysis in Political Science (Qi)
SOC 3112 Social Statistics (Qi, QB)

Writing Courses (select one)
BIOL 3670 Science Comm. For Future Generations (CW)
COMM 4560 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
*MGT 3810 Business & Professional Communication (CW)
WRTG 3240 Environmental Writing (CW and HF)

Methods Courses (select one)
*COMM 4570 Visual Editing
*ENVST 3150 Field Ecology
ED PS 3030 Research & Inquiry in Education (BF)
ED PS 5720 Child Development & Learning
ED PS 5721 Adolescent Development & Learning
FCS 3200 Research Methods in Family and Consumer Studies
*GEOG 3140 Introduction to GIS (Qi)
POL 3501 Political Analysis (Qi, QB)
SOC 3112 Research Methods

To Be Completed in Your Last Year
*ENVST 4800 Environmental & Sustainability Studies Internship
*ENVST 4557 Capstone: Teaching Environmental Literacy

SOCIAL JUSTICE ADVOCACY CERTIFICATE

Admissions Requirements
- Matriculated University of Utah undergraduate student with Sophomore class status.
- Minimum 2.5 GPA

Graduation Requirements
- Maintain at least an overall 3.0 GPA in the courses required for the certificate.
- Documentation of completion of coursework with grades should be submitted to the certificate director.

Certificate Requirements

Required Courses
- SW 3550 - Social Diversity and Cultural Understanding 4 Credit(s)
- ENVST 3365 - Environmental Justice 3 Credit(s)
- OR
- GNDR 3570 - Introduction to LGBTQ Studies: Finding Out 3 Credit(s)
- POLS 3700 - Urban Politics 3 Credit(s)
- POLS 5324 - Disability Studies 3 Credit(s)
- SW 5535 - Social Justice Advocacy Techniques and Skills 3 Credit(s)

Electives
- Complete 1 course from each of the following sections:
  Section 1
  - SW 3564 - Native Americans in Modern Society: Implications for Social Policy 3 Credit(s)
  - SW 3720 - Immigration & Resettlement: Interdisciplinary & Community Perspectives 3 Credit(s)
  - SW 4100 - Global Community Based Research 3 Credit(s)
  Section 2
  - COMM 3030 - Communication and Social Responsibility 3 Credit(s)
  - COMM 3330 - Negotiation and Interviewing 3 Credit(s)
  Section 3
  - COMM 3140 - Dangerous Liaisons in Relationships & Organizations 3 Credit(s)
  - COMM 3170 - Introduction to Organizational Communication 3 Credit(s)
  - COMM 5150 - Dialogue and Cultural Studies 3 Credit(s)
  - COMM 5200 - Persuasion and Political Communication 3 Credit(s)
  - ETHNC 5800 - Theories and Research on Social Inequality 3 Credit(s)