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 3100 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 (IF)
* ENVST 3365 Environmental Justice (DV)
POLS 5322 Environmental Policy

Statistics Courses (select one)
CMP 4010 Research Methods in Urban Ecology (QI)
* GEOG 3030 Geographic Analysis (QI, QB)
* MATH 3070 Applied Statistics (QI, QB)
* POLS 5901 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)
* MGMT 3810 Business & Professional Communication (CW)
WRIT 3014 Scientific Writing (CW)
WRIT 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
BIO 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)
* PRST 3710 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

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
  1020 Human Origins: Evolution and Diversity
  One course from this list
  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 2100 Introduction to Environmental & Sustainability Studies (BF)  
* These three courses are pre-requisites for the upper division ENVST courses  

**PRT MINOR REQUIRED COURSES**  

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
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<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>
<tr>
<td>PRT 3310</td>
<td>Leisure Behavior and Human Diversity</td>
<td>3</td>
</tr>
<tr>
<td>PRT 3320</td>
<td>Programming and Leadership</td>
<td>4</td>
</tr>
<tr>
<td>PRT 3207</td>
<td>PRT Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**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  
- *BIOL 2010 Evolution & Diversity of Life  
- BIOL 2400 Principles of Wildlife Ecology & Conservation (DV)  
- *BIOL 3410 Ecology & Evolution  
- *BIOL 3450 Rainfall Forest Ecology & Conservation (BF, SF)  
- BIOL 3710 Biology, Society & Public Engagement  
- BIOL 3470 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 Sustain. Scientific & Human Perspective  
- CMP 4710 Introduction to Transportation Planning  
- CMP 4390 Natural Science for Sustainability In Built Environments  
- COMM 5360 Environmental Communication  
- ECON 3259 Intro to Env. & Natural Resource Economics (BF)  
- *ECON 5250 Environmental & Natural Resource Economics  
- ENGL 2500 Literature of the American West  
- ENGL 5080 Studies in Environmental Literature  
- *ENGL 5980 Ecocriticism  
- ENVST 5800 Sustainability In Costa Rica (ER)  
- FCS 3620 Environmental Psychology & Sustainability  
- FCS 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 3260 Geology of Utah (SF)  
- GEOG 3350 Resource Conservation & Environ Management (BF)  
- *GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)  
- *GEOG 5350 Public Lands & Environmental Political  
- HIST 4380 US Environmental History  
- PHIL 3330 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 Dimen. of Wildlife  
- PRT 5570 Recreation and Community Development  

**Sub-Total** | **3-4** |

**Select 12 upper division credit hours from approved courses in ONE emphasis area:**  
Commercial, Community, and Sport Management  
Sustainable Tourism and Hospitality Management  
Outdoor Recreation Studies  

**Sub-Total** | **12** |

**Total** | **18-19** |
REQUIRED CLASSES

ENVST 2000 Field Experience: Environment & 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 (IR)
*ENVST 3365 Environmental Justice (DV)
POLS 5322 Environmental Policy

Statistics Courses (select one)
CMPS 4010 Research Methods in Urban Ecology (Q, QR)
*GEOG 3020 Geographic Analysis (Q, QR)
*MATH 3070 Applied Statistics (Q, QR)
POLS 5001 Quantitative Analysis In Political Science (QI)

Writing Courses (select one)
COMM 4650 Environmental Reporting (CW)
CMPS 4260 Land, Law, & Culture (CW)
GEOG 3270 Global Patterns of Life (CW, SF)
*MGT 3810 Business & Professional Communication (CW)
WRTG 3014 Scientific Writting (CW)
WRTG 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 3410 Introduction to GIS (QI)
POLS 3001 Political Analysis (QI, QR)
*ANTH 4334 Population Issues in Anthropology (QI, QR)
PRT 3700 Program & Service Evaluation in Parks, Recreation & Tourism (QI, QR)
*GEOG 3040 Principles of Cartography (QI)
*GEOG 5712 Paleoenvironmental Field Methods
SOC 3111 Research Methods

To Be Completed in Your Last Year
*ENVST 4900 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 Sustain, Scientific & Human Perspective (3)
   CMP 4710 Introduction to Transportation Planning (3)
   CMP 4890 Natural Science for Sustainability in Built Environments (3)
   COMM 3360 Environmental Communication (3)
   ECON 3250 Intro to Env & Natural Resource Economics (3)
   ENGL 2050 Literature of the American West (3)
   *ENGL 5980 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 (3)
   GEOG 3350 Resource Conservation & Environ Management (3)
   *GEOG 3360 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 Land Management, Conservation, and Place with Earth Science Minor

Academic Program Completion Plan for the Minor in Earth Science (19 credit hours)

A minimum overall GPA of 2.0 required.

A GPA of 2.25 in departmental required and elective courses and grades of no less than C-.

1. All of the required courses:
   - GEO 1110/1115
   - GEO 1220

2. Complete 6 credits of electives from:
   - GEO 1000
   - GEO 1010
   - GEO 1030 or 1001
   - GEO 1040
   - GEO 1050 – National Parks

1. Complete 6 credits of additional courses from:
   - GEO 3180 - Paleobiology
   - GEO 3200 – Natural Disasters
   - GEO 3250 – Geology of Utah
   - GEO 3260
   - GEO 3300
   - GEO 3400
   - GEO 3800
   - GEO 3900

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

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

Statistics Courses (select one)
*CMPT 4070 Research Methods in Urban Ecology (QI)
*GEOG 3026 Geographic Analysis (QI, QB)
*MATH 3070 Applied Statistics (QI, QB)
*POL 5001 Quantitative Analysis in Political Science (QI)

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

Methods Courses (select one)
BIOL 2355 Field Botany (2 cr)
*BIOL 3400 Computational & Field Meth In Applied Geology (2 cr)
*GEOG 3140 Introduction to GIS (QI)
POL 3001 Political Analysis (QI, QB)
*ANTH 3334 Population Issues in Anthropology (QI, QB)
*PRT 3780 Program & Service Evaluation In Parks, Recreation & Tourism (QI, QB)
*GEOG 3040 Principles of Cartography (QI)
*GEOS 5712 Paleoenvironmental Field Methods
SOC 3111 Research Methods

To Be Completed In Your Last Year
*ENVST 4006 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

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Electives (select seven courses)
ANTH 2053 Human Ecology of Sustainability
ANTH 4186 Human Ecology (BF, SF)
ANTH 4150 Evolution of Societies and Cultures
*BIOL 2010 Evolution & Diversity of Life
BIOL 2400 Principles of Wildlife Ecology & Conservation (DV)
*BIOL 3410 Ecology & Evolution
*BIOL 3450 Rain Forest Ecology & Conservation (RF, SF)
BIOL 3710 Biology Society & Public Engagement
BIOL 3470 Conservation Biology (AI)
*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)
CMPT 2010 Design Ecologies (BF)
CMPT 3100 Urban & Environmental Planning
CMPT 3200 Principles of Ecology for Planners
CMPT 3300 Fostering Sustain. Scientific & Human Perspective
CMPT 4710 Introduction to Transportation Planning
CMPT 4390 Natural Science for Sustainability in Built Environments
COMM 5300 Environmental Communication
ECON 3250 Intro to Econ & Natural Resource Economics (BF)
*ECON 3250 Environmental & Natural Resource Economics
ENGL 2050 Literature of the American West
ENGL 5500 Studies in Environmental Literature
*ENGL 5980 Ecocriticism
ENVST 5400 Sustainability in Costa Rica (RF)
FCS 3620 Environmental Psychology & Sustainability
FCS 5600 Environments & Human Behavior
FCS 5630 Healthy Communities
GEOL 1050 National Parks: Geology Behind the Scenery (SF)
*GEOL 1180 Paleobiology
*GEOL 3200 Natural Disasters
*GEOL 3350 Geology of Utah (SF)
GEOL 3350 Resource Conservation & Environ Management (BF)
*GEOL 3200 Geomorphology: Mountains, Rivers, Deserts (SF)
*GEOS 5350 Public Lands & Environmental Policy
HIST 4380 US Environmental History
PHIL 3530 Environmental Ethics (HF)
PHIL 5530 Environmental Ethics (HF)
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 3522 Environmental Policy

Statistics Courses (select one)
*ATMOS 5540 Environmental Statistics (QI)
*COMM 3710 Intro to Quantitative Comm. Research (QI)
CMPS 4010 Research Methods for Quantitative Environ. (QI)

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

Writing Courses (select one)
BIOL 5415 Ecology Laboratory (CW)
COMM 4650 Environmental Reporting (CW)
CMPS 4260 Law, Law, & Culture (CW)

*MGT 3810 Business & Professional Communication (CW)
WRTG 3014 Scientific Writing (CW)
WRTG 3420 Writing for a Technical Audience (CW, HF)

Methods Courses (select one)
*ATMOS 5550 Environmental Instrumentation (2 cr)
BIOL 3405 Landscape Ecology of Colorado Plateau
BIOL 3480 Biology of an Urban Stream
*CMPS 4450 GIS for Urban Ecologists (QI)
*GEOG 3140 Introduction to GIS (QI)

*GEOG 5190 GIS & Environmental Public Health
POLS 3001 Political Analysis (QI, QP)
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 a 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

REQUIRED COURSES
- GEOG 1000 - Earth Environments and Global Change (3) (SF)
- GEOG 1400 - Human Geography (3) (BF)
- GEOG 2040 - 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 3210 Global Climate Change (SF)
- *ENVST 3364 Challenges to Global Sustainability (IR)
- *ENVST 3365 Environmental Justice (OV)
- POLS 5322 Environmental Policy
- *STATISTICS 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, Q8)
- *MATH 3070 Applied Statistics (QI, QI)
- *POLS 5001 Quantitative Analysis in Political Science (QI)
- SOC 3112 Social Statistics (QI, QE)

**Writing Courses**
- (select one)
  - BIOL 5415 Ecology Laboratory (CW)
  - COMM 4650 Environmental Reporting (CW)
  - CMP 4200 Law, Law, & Culture (CW)
  - *MGT 3110 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)
  - BIOL 3045 Landscape Ecology of Colorado Plateau
  - BIOL 3460 Ecology of an Urban Stream
  - *GEOG 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

**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)
- **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.
ENVST Air, Water, and Health
with Sociology Minor

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)

POL S 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, QB)
*POL S 3001 Quantitative Analysis in Political Science (QI)

SOCI 3132 Social Statistics (QI, QI)

Writing Courses (select one)
BIOL 5154 Ecology Laboratory (CW)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
*MGT 3810 Business & Professional Communication (CW)
WRIT 3014 Scientific Writing (CW)
WRIT 3420 Environmental Writing (C, CW)

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

SOCI 3111 Research Methods

To Be Completed in Your Last Year
*ENVST 4880 Environmental & Sustainability Studies Internship
*ENVST 5550 Capstone: Air, Water & Health

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, IR
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

CAREER OUTLOOK
Education: Environmental, Secondary & Post-Secondary
City, State or Federal Regulator
Lawyer/Public Policy Specialist
University Extension Specialist
Restoration Practitioner
ENVST 2000 Fold 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)

POL 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 Applied Statistics (Q, IR)
*POL 5001 Quantitative Analysis in Political Science (Q)
SOC 3112 Social Statistics (Q, IR)

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

Methods Courses (select one)
*ATMOS 5050 Environmental Instrumentation (2 cr)
BIOL 3045 Biogeochemistry of the Colorado Plateau
BIOL 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
POL 3001 Political Analysis (Q, Q)
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
City, State or Federal Regulator
Lawyer/Public Policy Specialist
Unsung Environmental Champion

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)
ATMOS 3000 Prof. Development in the Atmos. Sciences (1.5 cr)
*ATMOS 3100 Atmospheric Chemistry & Air Pollution (IR)
*ATMOS 5000 Intro to Atmospheric Science (Q)
ATMOS/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 3250 Intro to Natural & Resource Economics (BF)
ECON 3/5190 Health Economics
*ECON 5250 Environmental & Natural Resource Economics
ENVST 5800 Sustainability in Costa Rica (IR)
FCS 3620 Environmental Psych. & Sustainability
FCS 5630 Healthy Communities
GEO 3300 The Water Planet (SF)
*GEO 3600 The Oceans (SF)
*GEO 5350 Groundwater
*GEOS 3200 Geomorphology: Mountains, Rivers, Deserts (SF)
GEOS 3/5292 Snow & Ice
GEOS 3330 Urban Environmental Geography (SF)
GEOS 5385 Environmental Assessment & Impact Analysis
H EDU 3700 Environmental Health
HIST 4280 US Environmental History (HF)
*MATH 1210 Calculus I (QR)
PHIL 3310 Science & Society (HF)
PHIL 3530 Environmental Ethics (HF)
PHIL 5530 Environmental Philosophy (HF)
PHIL 5540 Hydroclimatology: Water Mgt in the West
*PHYS 2010/2015 General Physics & Lab I (SF)
*PHYS 2210/2215 Physics for Scientists & Engineers & Lab I (SF)
POLS 5521 Health Policy
POLS 5510 Water Policy
ENVST Air, Water, and Health with Urban Ecology 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 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)
*GEQ 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 5415 Ecology Laboratory (CW)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
*MGT 3310 Business & Professional Communication (CW)
WRTG 3041 Scientific Writing (CW)
WRTG 3420 Environmental Writing (CW, H)

Methods Courses (select one)
*ATMOS 5050 Environmental Instrumentation (2 cr)
Biol 3045 Landscape Ecology of Colorado Plateau
Biol 3480 Biology 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, QB)
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

50 x 11.60 in Environmental, Secondary & Post-Secondary

Electives (select seven courses)

ATMOS 3000 Prof. Development in the Atmos. Sciences (1.5 cr)
*ATMOS 3100 Atmospheric Chemistry & Air Pollution (IR)
*ATMOS 5000 Intro to Atmospheric Science (QI)
ATMOS/GEOG 5260 Snow Dynamics & Avalanche Studies
*BIOL 5345 Natural History of the Colorado Plateau
*BIOL/GEOG 5470 Stable Isotope Biochemistry and Ecology
*CHEM 1210/1215 General Chemistry & Lab I (SF)
CMF 3200 Principles of Ecology for Planners
CMF 4380 Green Communities
CMF 4710 Intro to Transportation Planning
CMF 5270 Metropolitan Regional Planning
CMF 5360 Environmental Planning: Law & Policy
COMM 3115 Communicating Health, Science, Environment
COMM 5360 Environmental Communication
ECON 3250 Intro to Natural & Resource Economics (BF)
ECON 3/5190 Health Economics
*ECON 5200 Environmental & Natural Resource Economics
ENVST 5800 Sustainability In Costa Rica (IR)
FCS 3620 Environmental Psych. & Sustainability
FCS 5630 Healthy Communities
GEOG 3300 The Water Planet (SF)
*GEOG 3800 The Oceans (SF)
*GEOG 5350 Groundwater
*GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)
GEOG 3/5292 Snow & Ice
*GEOG 5385 Environmental Assessment & Impact Analysis
HEDU 3700 Environmental Health
HIST 4890 US Environmental History (HP)
*MATH 1210 Calculus I (QI)
PHIL 3310 Science & Society (HF)
PHIL 3530 Environmental Ethics (HF)
PHIL 5530 Environmental Philosophy (HF)
PHIL 5540 Hydrogeology  Water Mgt in the West
*PHYS 2010/2015 General Physics & Lab I (SF)

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
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 (QI)
*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)
*ATMOS 5050 Environmental Instrumentation (2 cr)
BIOL 3045 Landscape Ecology of Colorado Plateau
BIOL 3480 Biogeography of an Urban Stream
*CMP 4540 GIS for Urban Ecologists (Q)
*GEOG 3140 Introduction to GIS (Q)
*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 5559 Capstone: Art, Water & Health

CAREER OUTLOOK
Educator: Environmental, Secondary & Post-Secondary

REQUIRED CLASSES

EARTH SCIENCE MINOR

Required Courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 1110</td>
<td>Intro to Earth Systems</td>
<td>3</td>
<td>N/A</td>
</tr>
<tr>
<td>GEO 1115</td>
<td>Intro to Earth Systems Lab</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>GEO 1220</td>
<td>Earth History</td>
<td>3</td>
<td>GEO 1110, 1115</td>
</tr>
</tbody>
</table>

Electives: Complete 6 credit hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 1000</td>
<td>Natural Disasters: Hollywood vs. Reality</td>
<td>3</td>
<td>N/A</td>
</tr>
<tr>
<td>GEO 1030</td>
<td>Earthquakes and Volcanoes</td>
<td>3</td>
<td>N/A</td>
</tr>
<tr>
<td>GEO 1001</td>
<td>Energy Resources in a Sustainable World</td>
<td>3</td>
<td>N/A</td>
</tr>
<tr>
<td>GEO 1040</td>
<td>The World of Dinosaurs</td>
<td>3</td>
<td>N/A</td>
</tr>
<tr>
<td>GEO 1050</td>
<td>National Parks: Geology Behind the Scenery</td>
<td>3</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Additional Courses: Complete 6 credit hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 3180</td>
<td>Paleobiology</td>
<td>3</td>
<td>GEO 1110</td>
</tr>
<tr>
<td>GEO 3200</td>
<td>Natural Disasters</td>
<td>3</td>
<td>MATH 1050</td>
</tr>
<tr>
<td>GEO 3250</td>
<td>Geology &amp; Scenery of Utah</td>
<td>3</td>
<td>GEO 1110</td>
</tr>
<tr>
<td>GEO 3260</td>
<td>Geologic Field Trips in Utah</td>
<td>3</td>
<td>GEO 3250</td>
</tr>
<tr>
<td>GEO 3300</td>
<td>The Water Planet</td>
<td>3</td>
<td>N/A</td>
</tr>
<tr>
<td>GEO 3400</td>
<td>Computational &amp; Field Methods in Applied Geology</td>
<td>2</td>
<td>Intro Geo Course</td>
</tr>
</tbody>
</table>

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

**ENVST 2000** Rolf 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)
**POL S 3322** Environmental Policy

**Statistics Courses** (select one)
*ATMOS 5040** Environmental Statistics (Q2)
*COMM 3710** Intro to Quantitative Comm. Research (Q2)
**C&P 4010** Research Methods in Urban Ecology (Q2)
*GEOG 3020** Geographic Analyst (Q1, Q2)
*MATH 3070** Applied Statistics (Q2, Q2)
*POL S 5001** Quantitative Analysis in Political Science (Q2)
**SOC 3112** Social Statistics (Q1, Q2)

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

**Methods Courses** (select one)
*ATMOS 5050** Environmental Instrumentation (2 cr)
**BIOL 3040** Landscape Ecology of Colorado Plateau
**BIOL 3480** Biogrophy of an Urban Stream
*CM 4450 GIS for Urban Ecologists (Q2)
*GEOG 3140 Introduction to GIS (Q2)
*GEOG 5100 GIS Environmental & Public Health
**POL S 3001** Political Analysis (Q1, Q2)
**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: Environmental, Secondary & Post-Secondary; Civic, State or Federal Recruiter

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**PHILOSOPHY MINOR REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Areas</th>
<th>Minimum</th>
<th>Qualified Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I</strong> 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>
</tbody>
</table>

| **II** Metaphysics and Epistemology | One course | 3012*, 3300, 3310, 3350, 3370, 3375, 3400, 3440, 3600, 3680, 4400, 4450, 4480, 5192*, 5193*, 5300, 5350*, 5370*, 5375*, 5400*, 5450, 5480* |

| **III** History of Philosophy | One course | 3013*, 3810, 4110, 4120, 4130, 4140, 5040, 5060, 5110, 5120*, 5150*, 5193*, 5360 |

| **IV** Logic and Formal Methods | One course | 1250, 3200, 3210, 5200, 5210, 5220 |

**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.)

**E 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 Air, Water and Health with Atmospheric 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 (SF)

ENVT 3210 Global Climate Change (SF)
*ENVT 3364 Challenges to Global Sustainability (IR)
*ENVT 3365 Environmental Justice (CV)
POL 3322 Environmental Policy

Statistics Courses (select one)
*ATMOS 5040 Environmental Statistics (Q)
*COMM 3710 Intro to Quantitative Comm, Research (QI)
CMP 4010 Research Methods in Urban Ecology (QI)
*GEOG 3202 Geographic Analysis (QI, Q8)
*MATH 3070 Applied Statistics (Q), (Q8)
*POL 5001 Quantitative Analysis in Political Science (QI)
SOC 3112 Social Statistics (QI, Q8)

Writing Courses (select one)
BIOL 5315 Ecology Laboratory (CW)
COMM 4560 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
*MG 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 3460 Biogeography of an Urban Stream
*CMP 4450 GIS for Urban Ecologists (QI)
*GEOG 3140 Introduction to GIS (QI)
*GEOG 5190 GIS Environmental & Public Health
POL 3001 Political Analysis (QI, Q8)
SOC 3111 Research Methods

Electives (select seven courses)
ATMOS 3000 Prof Development in the Atmos. Sciences (1.5 cr)
*ATMOS 3100 Atmospheric Chemistry & Air Pollution (IR)
*ATMOS 5000 Intro to Atmospheric Science (QI)
ATMOS/GEOL 5260 Snow Dynamics & Avalanche Studies
*Biol 3345 Natural History of the Colorado Plateau
*BIOL/GEOL 5470 Stable Isotope Biochemistry and Ecology
*CHEM 1210/1215 General Chemistry & Lab I (SF)
CMP 3200 Principles of Ecology for Planners
CMP 4300 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 3250 Intro to Natural & Resource Economics (BF)
ECON 3/5190 Health Economics
*ECON 5250 Environmental & Natural Resource Economics
ENVST 5800 Sustainability In Costa Rica (IR)
FCS 3620 Environmental Psych. & Sustainability
FCS 5630 Healthy Communities
GEO 3300 The Water Planet (SF)
*GEOG 3800 The Oceans (SF)
*GEOG 3350 Groundwater
*GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)
GEOG 3292 Snow & Ice
GEOG 3330 Urban Environmental Geography (SF)
GEOG 5385 Environmental Assessment & Impact Analysis

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 (3)
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 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)
*ENVS 3364 Challenges to Global Sustainability (IR)
*ENVS 3365 Environmental Justice (DV)
POL 5322 Environmental Policy

Statistics Courses (select one)
- ATMOS 5040 Environmental Statistics (Q)
- CMPT 1340 Intro to Quantitative Comm. Research (Q)

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

Writing Courses (select one)
COM 4650 Environmental Reporting (CW)
CMPT 4260 Law, Law, & Culture (CW)
*MGT 3610 Business & Professional Communication (CW)
WRITG 3114 Scientific Writing (CW)
WRITG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)
- ATMOS 5050 Environmental Instrumentation (2 cr)
- CMPT 4650 GIS for Urban Ecologists (Q)
- ECON 4650 Econometrics (QI)
- GEOG 3140 Introduction to GIS (Q)
- 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 5554 Capstone: Climate & Energy

Electives (select seven courses)
- ANTH 4186 Human Ecology (BF, SF)
- ATMOS 3200/GEOG 3280 Mountain Weather & Climate
- ATMOS 5000 Introduction to Atmospheric Science (QI)
- ATMOS 5140 Physical Meteorology II: Atmos. Radiation (1.5 cr)
- ATMOS 5270 Wind Power Meteorology (1.5 cr)
- ATMOS 5400 The Climate System
- BIOL 5440 Urban Ecology
- *CHEM 1210/1215 General Chemistry & Lab I (SF)
- CHEM 3640 Material Chemistry for Renewable Energy (2 cr)
- CMPT 5710 Intro to Transportation Planning
- CMPT 5360 Environmental Planning, Law & Policy
- COMM 3115 Communicating Health, Science, Environment
- COMM 5360 Environmental Communication
- COMM 5365 Communicating Climate Change
- *ECON 5255 Environmental & Natural Resource Economics
- ECON 5260 Energy Policy Options for Utah
- ENVST 5800 Sustainability in Costa Rica (IR)
- FCS 3620 Environmental Psych & Sustainability
- FCS 5450 Nonprofit Community Organizations
- *GEOG 3100 The Oceans (QF)
- *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 Paleoecology
- H EDU 3700 Environmental Health
- HIST 3480 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 5300 Environmental Philosophy (HF)
- *PHYS 2010/2015 General Physics & Lab I (SF)
- *PHYS 2210/2215 Physics for Scientists & Engineers & Lab I (SF)
- *PHYS 2220/2225 Physics for Scientists & Engineers & Lab II (SF)
- *PHYS 3150 Energy & Sustainability (IR)

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 (EF)
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)
*ATMOS 5040 Environmental Statistics (Q)
*COMM 3710 Intro to Quantitative Comm. Research (Q)
CMP 4010 Research Methods in Urban Ecology (Q)
*ECON 3640 Probability & Statistics for Economists (QR)
*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)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Law, L & 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 (Q)
*ECON 4650 Econometrics (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 5554 Capstone: Climate & Energy

Electives (select seven courses)

ANTH 4186 Human Ecology (EF, SF)

ATMOS 3200/GEOR 3280 Mountain Weather & Climate
*ATMOS 5040 Introduction to Atmospheric Science (Q)
*ATMOS 5140 Physical Meteorology II: Atmos. Radiation (1.5 cr)
*ATMOS 5270 Wind Power Meteorology (1.5 cr)
*ATMOS 5400 The Climate System

BIOL 5440 Urban Ecology

*CHEM 1210/1215 General Chemistry & Lab I (SF)
CHEM 5640 Material Chemistry for Alternative Energy (2 cr)

CMP 4710 Intro to Transportation Planning
CMP 5360 Environmental Planning: Law & Policy
COMM 3115 Communicating Health, Science, Environment
COMM 3360 Environmental Communication
COMM 3365 Communicating Climate Change
*ECON 5250 Environmental & Natural Resource Economics

ECON 5260 Energy Policy Options for Utah

ENVST 5800 Sustainability In Costa Rica (IR)

FC 53620 Environmental Psych & Sustainability

FCS 5450 Nonprofit Community Organizations

*GEO 3800 The Oceans (SF)

*GEOG 3215 Climate Change & Its Impacts

GEOL 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 4300 US Environmental History (HF)

*MATH 1210 Calculus I (Q)
*MATH 1220 Calculus II (Q)

PHIL 3310 Science & Society (HF)

PHIL 3530 Environmental Ethics (HF)

PHIL 5530 Environmental Philosophy (HF)

*PHYS 2120/2125 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)

Certificate Total 18-19 credits
ENVST Climate & Energy and Geography Hazards & Emergency Management 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 pre-requisites for the 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 3540 Probability & Statistics for Economists (QR)
*GEOG 3020 Geographic Analysis (QI, Q8)
*MATH 3070 Applied Statistics (QI, Q8)
*POLS 5001 Quantitative Analysis in Political Science (QI)
SOC 3112 Social Statistics (QI, Q8)

Writing Courses (select one)
COMM 4650 Environmental Reporting (CW)
CMP 4620 Law, Law, & Culture (CW)
*MGT 4200 Business & Professional Communication (CW)
WRTG 3014 Scientific Writing (CW)
WRTG 3340 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, Q8)
SOC 3111 Research Methods

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

CAREER OUTLOOK

Educational, Economic, & Professional Opportunities

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
  or 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)
• ATMOS 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-Total6

Technical Electives (select 1)
• GEOG 3140 Intro to Geographic Information Systems (GIS) 4
  or 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)
POLS 5322 Environmental Policy

Statistics Courses (select one)
*ATMOS 5040 Environmental Statistics (QI)
*COMM 3710 Intro to Quantitative Research (QI)
CMF 4010 Research Methods in Urban Ecology (QI)
*ECON 3640 Probability & Statistics for Economists (QI)
*ECON 3650 Probability & Statistics for Economists (QI)
*MATH 3070 Applied Statistics (QI, QI)
POLS 5001 Quantitative Analysis in Political Science (QI)
SOC 3112 Social Statistics (QI, QI)

Writing Courses (select one)
COMM 4650 Environmental Reporting (CW)
CMF 4620 Land, Law, & Culture (CW)
*MGT 3810 Business & Professional Communication (CW)
WRTG 3014 Scientific Writing (CW)
WRTG 3420 Writing for Industrial Writing (CW, HF)

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

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.
ENVST Climate & Energy
with Atmospheric Sciences Minor

REQUIRED CLASSES
ENVST 2000 Field Experience: Environment and Sustainability
ENVST 2050 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental & Sustainability Studies (B)
*ENVST 3364 Challenges to Global Sustainability (IR)
*ENVST 3365 Environmental Justice (DV)

ENVST 3210 Global Climate Change (SF)

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)
*ECON 3640 Probability & Statistics for Economists (Q)
*GEOG 3020 Geographic Analysis (Q)
*MATH 3070 Applied Statistics (Q)
*POLS 5001 Quantitative Analysis in Political Science (Q)
SOC 3112 Social Statistics (Q)

Writing Courses (select one)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
*MGMT 3810 Business & Professional Communication (CW)
WRITG 3014 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 (Q)
*ECON 4650 Econometrics (Q)
*GEOG 3110 Introduction to GIS (Q)
*GEOG 5190 GIS Environmental & Public Health
POLS 3001 Political Analysis (Q)
SOC 3111 Research Methods

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

CAREER OUTLOOK
Eduardo, quarterback & shoe salesman

Electives (select seven courses)
ANTH 4186 Human Ecology (B)
ATMOS 3200/GEOG 3250 Mountain Weather & Climate
*ATMOS 5000 Introduction to Atmospheric Science (Q)
*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 (SF)
CHEM 5640 Material Chemistry for Alternative Energy (2 cr)
CMP 6710 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 (SF)
FCS 3620 Environmental Psych & Sustainability
FCS 5450 Nonprofit Community Organizations
*GEOG 3800 The Oceans (SF)
*GEOG 5235 Climate Change & Its Impacts
GEOG 3368 Energy Choices for 21st Century (SF)
GEOG 5265 Regional and Global Climates (SF)
*GEOG 5275 Vegetation & Climate Change
H EDU 3700 Environmental Health
HIST 4380 US Environmental History (HF)
*MATH 1210 Calculus IQR
*MATH 1220 Calculus II (Q)
PHIL 3310 Science & Society (HF)
PHIL 3550 Environmental Ethics (HF)
PHIL 5530 Environmental Philosophy (HF)
*PHYS 2010/2015 General Physics I & Lab I (SF)
*PHYS 2210/2215 Physics for Scientists & Engineers & Lab I (SF)
*PHYS 2220/2225 Physics for Scientists & Engineers & Lab II (SF)

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

Atmospheric Sciences Minor

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
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 S 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)
* ECON 3640 Probability & Statistics for Economists (Q)
* GEOG 3020 Geographic Analysis (Q, Q8)
* MATH 3070 Applied Statistics (Q, Q8)
* POLS 5001 Quantitative Analysis in Political Science (Q, Q8)
SOC 3112 Social Statistics (Q, Q8)

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 5300 Environmental Instrumentation (2 cr)
* 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 3112 Research Methods

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

CAREER OUTLOOK

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 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 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 (QR)
*GEOG 3020 Geographic Analysis (QI, QR)

*MATH 3070 Applied Statistics (QI, QR)
*POL 5001 Quantitative Analysis in Political Science (QI, QR)
SOC 3112 Social Statistics (QI, QR)

Writing Courses (select one)
COMM 4650 Environmental Reporting (CW)
CM P4260 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)
*CM P4450 GIS for Urban Ecologists (QI)
*ECON 4650 Econometrics (QI)
*GEOG 3140 Introduction to GIS (QI)
*GEOG 5190 GIS Environmental & Public Health
POL S 3011 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

MATHEMATICS 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)
- MATH 3210 - Foundations of Analysis I 4 Credit(s)
- MATH 3220 - Foundations of Analysis II 4 Credit(s)
- any MATH course numbered 4200 or higher, except those listed below
- MATH 4910, 4950, 4999, 5000, 5150/5155, 5160/5165, 5270, 5900, 5910, 5960, or 5969 may not be used for this requirement

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

**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)
- NUTR 4440 Advanced Human Nutrition (4)

Select minimum of 9 credit hours:
- NUTR 3220 Food Communication (3)
- NUTR 3550 Healthy Weight for Life (3)
- NUTR 3620 Cultural Aspects of Food (3)
- NUTR 3850 THRIVE: 1020 Foods Lab (1)
- NUTR 5100 Pediatric Nutrition (3)
- NUTR 5230 Wilderness Nutrition (3)
- NUTR 5320 Nutrition for Exercise and Sport (3)
- NUTR 5340 Nutrition and Women's Health (3)
- NUTR 5350 Eating Disorders (3)
- NUTR 5360 Weight Management (3)
- NUTR 5380 Understanding Dietary Supplements (3)
- NUTR 5420 Applied Nutrition through the Life Cycle (3)
- NUTR 5650 Eating for Justice and Health (3)
- NUTR 6440 Macronutrient Metabolism (4)
- NUTR 6460 Micronutrient Metabolism (4)

*Students who have questions about the minor should book an advising appointment with the NUTR undergraduate advisor.

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

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

**ENVS 3210 Global Climate Change (SF)**
- ENVS 3364 Challenges to Global Sustainability (IR)
- ENVS 3365 Environmental Justice (DV)
- POLS 3322 Environmental Policy

**Statistics Courses** (select one)
- CMP 4016 Research Methods in Urban Ecology (Q1)
- FCS 3210 Statistics in Family & Consumer Studies (Q1, Q8)
- GEOG 3020 Geographic Analysis (Q1, Q8)
- MATH 3070 Applied Statistics (Q1, Q8)
- POLS 5001 Quantitative Analysis in Political Science (Q1, Q8)
- 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)
- MGIS 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)
- CMP 4540 GIS for Urban Ecologists (Q1, Q8)
- FCS 3300 Research Methods in Family & Consumer Studies (Q1, Q8)
- GEOG 3140 Introduction to GIS (Q1, Q8)
- MGIS 5190 GIS Environmental & Public Health
- POLS 3001 Political Analysis (Q1, Q8)
- SOC 3111 Research Methods

**To Be Completed in Your Last Year**
- ENVS 4800 Environmental & Sustainability Studies Internship
- ENVS 5558 Capstone: Eating for Health, Justice & Sustainability

**CAREER OUTLOOK**
Educator: Environmental, Secondary & Post-Secondary
ENVST Food Systems and Community Resilience with Urban Ecology Minor

REQUIRED CLASSES
ENVST 2000 Field Experience: Environment and Sustainability
ENVST 2050 Introduction to Environmental Science (SP)
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 (SP)
* ENVST 3364 Challenges to Global Sustainability (IR)
* ENVST 3365 Environmental Justice (DV)
POLS 5322 Environmental Policy

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 1 (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

RECOMMENDED ELECTIVES
- CMP 3770 Intro to Quantitative Comm. Research (QI)
- CMP 4010 Research Methods in Urban Ecology (QI)
- FCS 3210 Statistics In Family & Consumer Studies (QI, QB)
- HONORS 3101 People and Place I (3)
- HONORS 3102 People and Place II (3)
- BIOL 1200 General Biology (SF)
- BIOL 1330 Plants & Society (AS)
- CHEM 1020 The Science of Food & Cooking (SF)
- CHEM 1210/1215 General Chemistry & Lab (SF)
- CMP 3200 Principles of Ecology for Planners (BF)
- CMP 4260 Land, Law & Culture (3 credit hours)

To Be Completed in Your Last Year
- ENVST 4600 Environmental & Sustainability Studies Internship
- ENVST 5558 Capstone: Eating for Health, Justice & Sustainability

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 1 (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

RECOMMENDED ELECTIVES
- CMP 3770 Intro to Quantitative Comm. Research (QI)
- CMP 4010 Research Methods in Urban Ecology (QI)
- FCS 3210 Statistics In Family & Consumer Studies (QI, QB)
- HONORS 3101 People and Place I (3)
- HONORS 3102 People and Place II (3)
- BIOL 1200 General Biology (SF)
- BIOL 1330 Plants & Society (AS)
- CHEM 1020 The Science of Food & Cooking (SF)
- CHEM 1210/1215 General Chemistry & Lab (SF)
- CMP 3200 Principles of Ecology for Planners (BF)
- CMP 4260 Land, Law & Culture (3 credit hours)

To Be Completed in Your Last Year
- ENVST 4600 Environmental & Sustainability Studies Internship
- ENVST 5558 Capstone: Eating for Health, Justice & Sustainability

CAREER OUTLOOK
Educator: Environmental, Secondary & Post-Secondary
ENVST Food Systems and Community Resilience with Anthropology 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 3232 Environmental Policy

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).
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 S 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 (QL, QO)
*MATH 3070 Applied Statistics (QI, QB)
*POL S 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 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
POL S 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

CAREER OUTLOOK

Educator: Environmental, Secondary & Post-Secondary

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

Electives (select seven courses)
ANTH 4130 The Anthropology of Food
ANTH 4156 The Evolution of the Human Diet
ANTH 4340 Paleoanthropology
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 2160 Design Ecologies (BF)
CMP 3200 Principles of Ecology for Planners
CMP 5030 Leadership in Community Engagement
COMM 3415 Intro to Cultural Studies
COMM 3635 Community Journalism
COMM 5360 Environmental Communication
ENVST 3260 Organic Gardening (AS)
ENVST 5800 Sustainability in Costa Rica (IR)
FCS 3620 Environmental Psychology & Sustainability
FCS 5450 Nonprofit Community Organizations
FCS 5451 Healthy Communities
HEDU 4190 Community-Based Prevention Practices in Health Promotion & Education
NUTR 1020 Scientific Foundations of Human Nutr. & Health (AS)
NUTR 3260 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
POL S 5321 Health Policy
PSY 2410 Eat, Work, Play – Psychology of Everyday Life
SOC 3460 Environmental Sociology (IR)
SOC 3486 Global Environmental Crisis
SOC 3650 Population & Society (QI, QB, IR)
SOC 4086 Cities and Communities
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)

**POLS 3322** 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, IR)**

*GEOG 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**

*GEOG 3140** Introduction to GIS (Q)

**POLS 3001** Political Analysis (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

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**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 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
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)

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 3366 Environmental Justice (DV)

POL 3322 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, QB)
*GEOG 3020 Geographic Analysis (Q, QB)
*MATH 3070 Applied Statistics (Q, QB)
*POL 5001 Quantitative Analysis in Political Science (Q)

SOC 3112 Social Statistics (Q, QB)

**Writing Courses (select one)**
BIOL 3670 Scence Comm. For Future Generations (CW)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Law, Law, & Culture (CW)
*MGT 3610 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 (RF)
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 (Q)
*POL 3001 Political Analysis (QI, QR)
SOC 3111 Research Methods

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

CAREER OUTLOOK

Non-profit organizations

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)**

- ANTH 4186 Human Ecology (BF, SF)
- ANTH 4245 Human Migration & Social Change (RF)
- ART 4020 Art 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 3630 Community & Social Responsibility (CW, HF)
- COMM 3635 Community Journalism
- COMM 3636 Environmental Communication
- COMM 3636 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 4380 Environmental History (HF)
- PHIL 3310 Science & Society (HF)
- PHIL 3530 Environmental Ethics (HF)
- PHIL 3730 Justice & International Affairs (IR)
- PHIL 5550 Environmental Philosophy (HF)
- POLS 3026 Civic Engagement & Social Change
- POLS 3220 Intro to Public Policy Analysis
- *POL 5625 International Ethics
- POLS 5810 Dem. Activism & Social Change/Research Seminar (CW)
- *PRT 5735 Youth Development
ENVST Ecological Literacy and Social Change and Strategic Communication Minor

REQUIRED CLASSES

**ENVST 2000 Field Experience: Environment and Sustainability (BF)**
**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 3322 Environmental Policy

Statistics Courses (select one)

**COMM 3710 Intro to Quantitative Comm. Research (QI)**
**CMP 4201 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 Analysts in Political Science (QI, QB)**
**SOC 3112 Social Statistics (QI, QB)**

Writing Courses (select one)

**BIOL 3670 Science Comm. For Future Generations (CW)**
**COMM 4650 Environmental Reporting (CW)**
**CMP 4201 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 Analysts (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

CAREER OUTLOOK

**ELECTIVES (select seven courses)**

- ANTH 4186 Human Ecology (BF, SF)
- ANTH 4245 Human Migration & Social Change (BF)
- ART 4520 Artist as Cultural Worker: Art & Social Change
- BIOL 3710 Ecology, Society & Public Engagement
- COMM 3115 Communicating Health, Science, Environment
- COMM 3230 Native American Activism (DV)
- COMM 3300 Community & Social Responsibility (CW, HF)
- COMM 3635 Community Journalism
- COMM 3670 Environmental Communication
- COMM 3665 Communicating Climate Change
- COMM 4000 Communication & Social Justice
- COMM 4870 Activism & New Media
- 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 5590 Media Ethics (3) (pre-req: COMM 1500 OR 3505)
- COMM 5950 Advanced Special Topics in Strategic Communication (3)
- COMM 5950 Advanced Special Topics (3)
- COMM 1270 Analysis of Argument (3) (QBHF)
- COMM 1500 Introduction to Media & Business Ethics (3) (HF) (previously COMM 3505)
- COMM 2101 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) (QI)
- COMM 5710 Quantitative Communication Research (QI) (pre-req: COMM 3710)

**ELECTIVE COURSE:** Choose any additional COMM elective course

Choose any Communication course, including those from the Foundational & Method/Theory sections.

**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 5590 Media Ethics (3) (pre-req: COMM 1500 OR 3505)**
**COMM 5950 Advanced Special Topics in Strategic Communication (3)**
ENVST Ecological Literacy and Social Change 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 3485 CITIES & COMMUNITIES (3) CW
- SOC 3741 MIGRANTS & COMMUNITIES (3) IR
- SOC 3746 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, IR
- 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

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

**POLIS 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, QI)
- *MATH 3070* Applied Statistics (QI, QB)
- *POLIS 5001* Quantitative Analysis in Political Science (QI, QB)

**Writing Courses** (select one)
- *BIOL 4670* Science Comm. For Future Generations (CW)
- *COMM 4650* Environmental Reporting (CW)
- *CMP 4260* Land, Law, & Culture (CW)
- *MGMT 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
- *GEOG 5140* Introduction to GIS (QI)
- *POLIS 3001* Political Analysis (QI, QB)

**SOCI 3111** Research Methods

**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-oureach & 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 (5)**
*ENVST 3364 Challenges to Global Sustainability (IR)*
*ENVST 3365 Environmental Justice (DV)*

**Writing Courses** (select one)
- BIOL 3670 Science Comm. For Future Generations (CW)
- COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, & Culture (CW)

**Methods Courses** (select one)
- COMM 4570 Visual Editing
- ENVST 5140 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 & Consumer Studies
- GEOG 3140 Introduction to GIS (Q)
- MGT 8310 Business & Professional Communication (CW)
- WRTG 3420 Environmental Writing (CW and HF)

**Electives** (select seven courses)
- ANTH 4116 Human Ecology (BV, SF)
- ANTH 4245 Human Migration & Social Change (IR)
- ART 4520 Artist as Cultural Worker: Art & Social Change
- B I O L 3 7 1 0 B i o l o g y, S o c i e t y & P u b l i c E n v i r o n m e n t
- COMM 3115 Communicating Health, Science, Environment
- COMM 3290 Native American Activism (DV)
- COMM 3300 Community & Social Responsibility (CW, HF)
- COMM 3635 Community Journalism
- COMM 3560 Environmental Communication
- COMM 3565 Communicating Climate Change
- COMM 3590 Communication & Social Justice
- COMM 5670 Activism & New Media
- CMP 2010 Design Ecologies (BF)
- ECON 4020 Leadership in Community Engagement
- ECS 3150 Intro to Multicultural Education (DV)
- ECS 3180 Home, School & Community Relations
- ECS 4111 School & Society (DV, CW, HF)
- *ECS 5715 Urban Education
- *ENG 3530 Theories of Race, Ethnicity, Nation
- ENVST 5800 Sustainability In Costa Rica (IR)
- ECS 3620 Environment & Behavior
- FCS 5450 Nonprofit Community Organizations
- FILM 3200 Documentary & Social Justice (FF)
- GNDR 1100 Gender & Social Change (BF, DV)
- *GNDR 5010 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)
- P O L S 3026 Civic Engagement & Social Change
- P O L S 3320 Intro to Public Policy Analysis
- *POLS 5625 International Ethics
- P O L 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 3663 Global Population Problems (IR)
- SOC 4085 Cities & Communities (CW)
- THEA 4630 Theatre for Social Action

**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 3465 Women & Crime (3)
  - SOC 3769 Health 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 3390 Diversity & Minorities 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
- P O L S 3140 Gender and Politics (3)
- P O L S 3190 Racial and Ethnic Politics (3)
- P O L S 3250 Gender, Ethics, and Public Policy (3)
- P O L S 5140 Feminist Political Theory (3)
- P O L S 5324 Disability Studies (3)
- P O L S 5430 Asian American Politics (3)
- P O L S 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

**DIVERSTY 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

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**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-outrach & education (Dept. of Health, SLC Crime)
- Community organizing & development
- Revolutionary
- Educator/naturalist - museums, parks, etc.
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 (GF)
- ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)

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

- ENVST 3210 Global Climate Change (GF)
- *ENVST 3364 Challenges to Global Sustainability (IR)
- *ENVST 3366 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)
- ECS 3210 Statistics in Family & Consumer Studies (QI, QII)
- *GEOG 3020 Geographic Analysis (QI, QII)
- *MATH 3070 Applied Statistics (QI, QII)
- *POLS 5501 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 4659 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 3180 Field Ecology
- ED PS 3030 Research & Inquiry in Education (BF)
- ED PS 5720 Child Development (BF)
- ED PS 5721 Adolescent Development & Learning
- ECS 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 5080
- 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/ANTH 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
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 3120 Global Climate Change (SF)
*ENVST 3364 Challenges to Global Sustainability (IR)
*ENVST 3365 Environmental Justice (DV)

Electives (select seven courses)

ANTH 4186 Human Ecology (BF, SF)
ANTH 4324 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 3300 Community & Social Responsibility (CW, HF)
COMM 3335 Community Journalism
COMM 3540 Environmental Communication
COMM 3545 Communicating Climate Change
COMM 3540 Communication & Social Justice
COMM 3570 Activism & New Media
CMP 2010 Design Ecologies (BF)
CMP 4010 Leadership in Community Engagement
ECON 5560 Gender & Econ. Development in 3rd World
*ECS 3150 Intro to Multicultural Education (DM)
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 3020 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 3315 Science & Society (HF)
PHIL 3350 Environmental Ethics (HF)
PHIL 3730 Justice & International Affairs (IR)
PHIL 5335 Environmental Philosophy (BF)
POLS 2026 Civic Engagement & Social Change
POLS 3220 Intro to Public Policy Analysis
*POLS 5625 International Ethics
POLS 5810 Dem. Activism & Social Change/Research Seminar (CW)

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 5180 Field Ecology
ED PS 3250 Research & Inquiry in Education (BF)
ED PS 5270 Child Development & Learning
ED PS 5271 Adolescent Development & Learning
FCS 3210 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

CAREER OUTLOOK

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, 4380, 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, 4340, 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 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 pre-requisites for the upper division ENVST courses.

ENVST 3210 Global Climate Change (SF)
*ENVST 3304 Challenges to Global Sustainability (IR)
*ENVST 3365 Environmental Justice (DV)

POL 3322 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, QR)
*GEOG 3020 Geographic Analysis (Q, QR)
*MATH 3070 Applied Statistics (Q, QR)
*POL 3001 Quantitative Analysis in Political Science (Q)
SOC 3112 Social Statistics (Q, QR)

Writing Courses (select one)
BIOI 3670 Science Comm. For Future Generations (CW)
COMM 4650 Environmental Reporting (CW)
CMP 4260 Law, Law, & Culture (CW)
*MGMT 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 (Q)
POL 3001 Political Analysis (Q, QR)
SOC 3111 Research Methods

To Be Completed in Your Last Year
*ENVST 4890 Environmental & Sustainability Studies Internship
*ENVST 5557 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 a least an overall 3.0 GPA
• 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)

CAREER OUTLOOK