

ADDING TO YOUR INTERDISCIPLINARY DEGREE

This document shows minors and certificates with some of the most overlap at the U - but that doesn't mean you can't go after something not on this list to complement your degree! Choose something you're passionate about or that adds to your goals.

Make sure to check the relevant department websites and with their advisors to declare and confirm required courses.

Explore all minors and certificates the U of U has to offer at: <https://advising.utah.edu/majors/quick-look/index.php>

EXPLORING MINORS & CERTIFICATES

TO COMPLEMENT ENVST



ENVST CONSERVATION & LAND MANAGEMENT

WITH ANTHROPOLOGY MINOR

REQUIRED CLASSES

Pre-requisites for ENVST upper division courses

- ENVST 2000 First Year Seminar (1cr)
- ENVST 2050 Introduction to Environmental Science (SF)
- ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)

ENVST upper division courses

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

Policy Courses (Select One)

- POLS 3390 Intro to Environmental Policy
- POLS 5322 Environmental Policy
- POLS 5510 Water Policy

Statistics Courses (select one)

- *COMM 3710 Intro to Quantitative Comm. Research (QI)
- CMP 4010 Research Methods in Urban Ecology (QI)
- *GEOG 3020 Geographic Analysis (QI, QB)
- *POLS 5001 Quantitative Analysis in Political Science (QI)
- SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

- *COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, & Culture (CW)
- *GEOG 3270 Global Patterns of Life (CW, SF)
- *HONOR 3200 Writing in a Research University (CW)
- *MGT 3810 Business & Professional Communication (CW)
- *WRTG 3014 Scientific Writing (CW)
- WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

- *ANTH 5234 Population Issues in Anthropology (QI, QB)
- BIOL 2355 Field Botany (2cr)
- *CMP 4450 GIS for Urban Ecologists (QI)
- *GEO 3400 Computational & Field Methods in Applied Geology
- *GEOG 3100 Introduction to GIS & Cartography (QI) (5cr)



Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

- ATMOS 3200/GEOG 3280 Mountain Weather & Climate
- *BIOL 1620/1625 Fundamental Principles of Biology II
- *BIOL 2400 Principles of Wildlife Ecology & Conservation (AS)
- *BIOL 3340 Intro to Plant Biology
- *BIOL 3410 Ecology & Evolution
- *BIOL 3450 Rain Forest Ecology & Conservation (IR, SF)
- BIOL 3470 Conservation Biology (AS)
- *BIOL 5460 Plant Ecology in a Changing World
- *CHEM 1210/1215 General Chemistry & Lab I (SF)
- CMP 2010 Design Ecologies (BF)
- *CMP 3100 Planning Theory & Practice
- CMP 3200 Ecology of Human Settlements
- CMP 4710 Introduction to Transportation Planning
- COMM 5360 Environmental Communication
- COMM 5365 Communicating Climate Change
- ECON 3250 Intro to Env. & Natural Resource Economics (BF)
- *ECON 5250 Environmental & Natural Resource Economics
- ENGL 2050 Literature of the American West
- ENGL 3080 Studies in Environmental Literature
- ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
- *ENVST/GEOG 3390 Sustainable Streams & Riparian Zones
- ENVST/SOC 3720 Environmental Health Disparities
- FCS/PSY 3620 Environmental Psychology & Sustainability
- FCS 5600 Environments & Human Behavior
- FCS 5630 Healthy Communities
- FCS 5720 Community & Environmental Change

Complete all of the following

Lower Division

Complete at least 2 of the following:

ANTH1020 - Human Origins: Evolution and Diversity (3)

ANTH1030 - Prehistoric Archaeology (3)

ANTH1050 - The Evolution of Human Nature (3)

ANTH1010 - Culture and the Human Experience (3)

Electives

Complete all of the following

Earned at least 6 credits from ANTH

Earned at least 6 credits from ANTH 3000 - 5999

Grand Total Credits: 18

ENVST CONSERVATION & LAND MANAGEMENT

WITH GEOGRAPHY MINOR

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

*ENVST 3364 Challenges to Global Sustainability (IR)

*ENVST 3365 Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

*COMM 3710 Intro to Quantitative Comm. Research (QI)

CMP 4010 Research Methods in Urban Ecology (QI)

*GEOG 3020 Geographic Analysis (QI, QB)

*POLS 5001 Quantitative Analysis in Political Science (QI)

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

*COMM 4650 Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

*GEOG 3270 Global Patterns of Life (CW, SF)

*HONOR 3200 Writing in a Research University (CW)

*MGT 3810 Business & Professional Communication (CW)

*WRTG 3014 Scientific Writing (CW)

WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

*ANTH 5234 Population Issues in Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

*CMP 4450 GIS for Urban Ecologists (QI)

*GEO 3400 Computational & Field Methods in Applied Geology

*GEOG 3100 Introduction to GIS & Cartography (QI) (5cr)

*GEOG 5712 Paleoenvironmental Field Methods

POLS 3001 Political Analysis (QI, QB)

*PRT 3780 Program & Service Evaluation in PRT (QI, QB)

SOC 3111 Research Methods (CW)

To Be Completed in Your Last Year

*ENVST 4800 Environmental & Sustainability Studies Internship

*ENVST 5555 Capstone: Land Management, Conservation & Place

CAREER OUTLOOK

Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ATMOS 3200/GEOG 3280 Mountain Weather & Climate

*BIOL 1620/1625 Fundamental Principles of Biology II

*BIOL 2400 Principles of Wildlife Ecology & Conservation (AS)

*BIOL 3340 Intro to Plant Biology

*BIOL 3410 Ecology & Evolution

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BIOL 3470 Conservation Biology (AS)

*BIOL 5460 Plant Ecology in a Changing World

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*CMP 3100 Planning Theory & Practice

CMP 3200 Ecology of Human Settlements

CMP 4710 Introduction to Transportation Planning

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Env. & Natural Resource Economics (BF)

*ECON 5250 Environmental & Natural Resource Economics

ENGL 2050 Literature of the American West

ENGL 3080 Studies in Environmental Literature

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

*ENVST/GEOG 3390 Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5600 Environments & Human Behavior

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEO 1050 National Parks: Geology Behind the Scenery

*GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)

GEOG 3215 Climate Change Impacts, Adaptation and Mitigation

GEOG 3350 Resource Conservation & Environ Management (BF)

GEOG 3385 Federal Land Management

GEOG 5205 Climate Change Foundations

GEOG 5275 Vegetation & Climate Change

HIST 4380 US Environmental History

HIST 4855 Environmental History of India

*HONOR 3245 Global Environmental Change

GEOGRAPHY MINOR

Required Courses

GEOG 1000 SF (3)

GEOG 1400 BF (3)

GEOG 3100 QI (5)

Elective Courses (>3000 LEVEL)

GEOG 3###

GEOG 3###

GEOG 3###



ENVST CONSERVATION & LAND MANAGEMENT

WITH GEOGRAPHIC INFORMATION SCIENCE
(GIS) CERTIFICATE

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

*ENVST 3364 Challenges to Global Sustainability (IR)

*ENVST 3365 Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

*COMM 3710 Intro to Quantitative Comm. Research (QI)

CMP 4010 Research Methods in Urban Ecology (QI)

*GEOG 3020 Geographic Analysis (QI, QB)

*POLS 5001 Quantitative Analysis In Political Science (QI)

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

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*GEOG 3270 Global Patterns of Life (CW, SF)

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*WRTG 3014 Scientific Writing (CW)

WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

*ANTH 5234 Population Issues In Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

*CMP 4450 GIS for Urban Ecologists (QI)

*GEO 3400 Computational & Field Methods In Applied Geology

***GEOG 3100 Introduction to GIS & Cartography (QI) (5cr)**

*GEOG 5712 Paleoenvironmental Field Methods

POLS 3001 Political Analysis (QI, QB)

*PRT 3780 Program & Service Evaluation In PRT (QI, QB)

SOC 3111 Research Methods (CW)

Program requirements

C or better in the following courses:

Course Number	Title	Credit Hours
GEOG 1180 OR COMP 1010	Introduction to Geo-Programming (S) OR Programming for All 1 (F/S)	3.0 3.0
GEOG 3100	Introduction to GIS and Cartography (F/S)	5.0
GEOG 4140	Advanced Methods in GIS (F/S)	4.0
GEOG 3170	Geospatial Field Methods: GPS and Drones (Fall Break)	3.0
GEOG 5940 OR GEOG 5150&5161	Internship in GIS OR Geospatial Big Data (F) AND Capstone in GIS (S)	3.0-5.0 4.0 & 3.0
Total Credit Hours		18-22

ENVST CONSERVATION & LAND MANAGEMENT

WITH CLIMATE CHANGE CERTIFICATE

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

*ENVST 3364 Challenges to Global Sustainability (IR)

*ENVST 3365 Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

*COMM 3710 Intro to Quantitative Comm. Research (QI)

CMP 4010 Research Methods in Urban Ecology (QI)

*GEOG 3020 Geographic Analysis (QI, QB)

*POLS 5001 Quantitative Analysis in Political Science (QI)

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

*COMM 4650 Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

*GEOG 3270 Global Patterns of Life (CW, SF)

*HONOR 3200 Writing in a Research University (CW)

*MGT 3810 Business & Professional Communication (CW)

*WRTG 3014 Scientific Writing (CW)

WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

*ANTH 5234 Population Issues in Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

*CMP 4450 GIS for Urban Ecologists (QI)

*GEO 3400 Computational & Field Methods in Applied Geology

*GEOG 3100 Introduction to GIS & Cartography (QI) (5cr)

*GEOG 5712 Paleoenvironmental Field Methods

POLS 3001 Political Analysis (QI, QB)

*PRT 3780 Program & Service Evaluation in PRT (QI, QB)

SOC 3111 Research Methods (CW)

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 3486 Human Ecology (BF, SF)

ATMOS 3200/GEOG 3280 Mountain Weather & Climate

*BIOL 1620/1625 Fundamental Principles of Biology II

*BIOL 2400 Principles of Wildlife Ecology & Conservation (AS)

*BIOL 3340 Intro to Plant Biology

*BIOL 3410 Ecology & Evolution

*BIOL 3450 Rain Forest Ecology & Conservation (IR, SF)

BIOL 3470 Conservation Biology (AS)

*BIOL 5460 Plant Ecology in a Changing World

*CHEM 1210/1215 General Chemistry & Lab I (SF)

CMP 2010 Design Ecologies (BF)

*CMP 3100 Planning Theory & Practice

CMP 3200 Ecology of Human Settlements

CMP 4710 Introduction to Transportation Planning

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Env. & Natural Resource Economics (BF)

*ECON 5250 Environmental & Natural Resource Economics

ENGL 2050 Literature of the American West

ENGL 3080 Studies in Environmental Literature

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

*ENVST/GEOG 3390 Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5600 Environments & Human Behavior

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEO 1050 National Parks: Geology Behind the Scenery

*GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)

GEOG 3215 Climate Change Impacts, Adaptation and Mitigation

GEOG 3350 Resource Conservation & Environ Management (BF)

GEOG 3385 Federal Land Management

GEOG 5205 Climate Change Foundations

GEOG 5275 Vegetation & Climate Change

Category	Course	Title	Credit Hours
Required	ATMOS 5400 or GEOG 5205	The Climate System Climate Change Foundations	3
	GEOG 5210	Global Climate Change	3
	GEOG 5215	Climate Change Impacts, Adaptation & Mitigation	3
	Sub-Total		9
3 Elective Courses	ATMOS 3100	Atmospheric Chemistry & Air Pollution	3
	ATMOS 3200	Mountain Weather and Climate	3
	BIOL 3440	Global Change Ecology	3
	BIOL 3460	Global Environmental Issues	3
	BIOL 5440	Urban Ecology	3
	BIOL 5490	Ecosystem Ecology	3
	COMM 5365	Communicating Climate Change	3
	ENVST 3365	Environmental Justice	3
	GEO 3300	Water Planet	3
	GEO 5675	Paleoclimate Reconstruction	3
	GEOG 5460	Popular Literature on Climate Change	4
	GEOG 5410	Paleoclimatology	3
	GEOG 5270	Biogeography: Global Patterns of Life	3
	GEOG 5090	Medical Geography	3
	GEOG 5275	Vegetation and Climate Change	3
	Sub-Total (minimum)		9
	Certificate Total	18-19 credits	

ENVST CONSERVATION & LAND MANAGEMENT

WITH HAZARDS & EMERGENCY MANAGEMENT CERTIFICATE

Statistics Courses (select one)

- *COMM 3710 Intro to Quantitative Comm. Research (QI)
- CMP 4010 Research Methods in Urban Ecology (QI)
- *GEOG 3020 Geographic Analysis (QI, QB)
- *POLS 5001 Quantitative Analysis in Political Science (QI)
- SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

- *COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, & Culture (CW)
- *GEOG 3270 Global Patterns of Life (CW, SF)
- *HONOR 3200 Writing in a Research University (CW)
- *MGT 3810 Business & Professional Communication (CW)
- *WRTG 3014 Scientific Writing (CW)
- WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

- *ANTH 5234 Population Issues in Anthropology (QI, QB)
- BIOL 2355 Field Botany (2cr)
- *CMP 4450 GIS for Urban Ecologists (QI)
- *GEO 3400 Computational & Field Methods in Applied Geology
- *GEOG 3100 Introduction to GIS & Cartography (QI) (5cr)
- *GEOG 5712 Paleoenvironmental Field Methods
- POLS 3001 Political Analysis (QI, QB)
- *PRT 3780 Program & Service Evaluation in PRT (QI, QB)
- SOC 3111 Research Methods (CW)

To Be Completed in Your Last Year

- *ENVST 4800 Environmental & Sustainability Studies Internship
- *ENVST 5555 Capstone: Land Management, Conservation & Place

CAREER OUTLOOK

- *BIOL 3450 Rain Forest Ecology & Conservation (IR, SF)
- BIOL 3470 Conservation Biology (AS)
- *BIOL 5460 Plant Ecology in a Changing World
- *CHEM 1210/1215 General Chemistry & Lab I (SF)
- CMP 2010 Design Ecologies (BF)
- *CMP 3100 Planning Theory & Practice
- CMP 3200 Ecology of Human Settlements
- CMP 4710 Introduction to Transportation Planning
- COMM 5360 Environmental Communication
- COMM 5365 Communicating Climate Change
- ECON 3250 Intro to Env. & Natural Resource Economics (BF)
- *ECON 5250 Environmental & Natural Resource Economics
- ENGL 2050 Literature of the American West
- ENGL 3080 Studies in Environmental Literature
- ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
- *ENVST/GEOG 3390 Sustainable Streams & Riparian Zones
- ENVST/SOC 3720 Environmental Health Disparities
- FCS/PSY 3620 Environmental Psychology & Sustainability
- FCS 5600 Environments & Human Behavior
- FCS 5630 Healthy Communities
- FCS 5730 Community & Environmental Change
- GEO 1050 National Parks: Geology Behind the Scenery
- *GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)
- GEOG 3215 Climate Change Impacts, Adaptation and Mitigation
- GEOG 3350 Resource Conservation & Environ Management (BF)
- GEOG 3385 Federal Land Management
- GEOG 5205 Climate Change Foundations
- GEOG 5275 Vegetation & Climate Change
- HIST 4380 US Environmental History
- HIST 4855 Environmental History of India

Category	Course Prefix & Number	Title	Credit Hours
Required	GEO 1000 <i>or</i> GEOG 3310	Earth Science in the Cinema <i>or</i> 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 Psychology & Sustainability	3
	GEO 1030	Earthquakes and Volcanoes	3
	GEO 5170	GeoHazards & Engineering Geomorphology	3
	GEOG 5215	Climate Change Impacts, Adaptation & Mitigation	3
	GEOG 5230	Pyrogeography	3
	HEDU 2720	Emergency Medical Responder	3
	PSY 3171	Human Factors and Ergonomics	3
	SOC 3569	Terrorism, Violence and Aggression	3
	Sub-Total		6
Technical Electives (select 1)	GEOG 3100	Intro to Geographic Information Systems (GIS) and Cartography	5
	GEOG 3110	Introduction to Remote Sensing	3
	Sub-Total (minimum)		3-5
Certificate Total			18-20 credits

ENVST CONSERVATION & LAND MANAGEMENT

WITH POLITICAL SCIENCE MINOR

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***COMM 3710** Intro to Quantitative Comm. Research (QI)

CMP 4010 Research Methods in Urban Ecology (QI)

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

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

***GEOG 3270** Global Patterns of Life (CW, SF)

***HONOR 3200** Writing in a Research University (CW)

***MGT 3810** Business & Professional Communication (CW)

***WRTG 3014** Scientific Writing (CW)

WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

***CMP 4450** GIS for Urban Ecologists (QI)

***GEO 3400** Computational & Field Methods in Applied Geology

***GEOG 3100** Introduction to GIS & Cartography (QI) (5cr)

***GEOG 5712** Paleoenvironmental Field Methods

POLS 3001 Political Analysis (QI, QB)

***PRT 3780** Program & Service Evaluation in PRT (QI, QB)

SOC 3111 Research Methods (CW)

To Be Completed in Your Last Year

***ENVST 4800** Environmental & Sustainability Studies Internship

***ENVST 5555** Capstone: Land Management, Conservation & Place

CAREER OUTLOOK

Bureau of Land Management

US Forest Service

Division of Wildlife Resources

Fish & Game

ATMOS 3200/GEOG 3280 Mountain weather & climate

***BIOL 1620/1625** Fundamental Principles of Biology

***BIOL 2400** Principles of Wildlife Ecology & Conservation

***BIOL 3340** Intro to Plant Biology

***BIOL 3410** Ecology & Evolution

***BIOL 3450** Rain Forest Ecology & Conservation (AS)

BIOL 3470 Conservation Biology (AS)

***BIOL 5460** Plant Ecology in a Changing World

***CHEM 1210/1215** General Chemistry & Lab I (SF)

CMP 2010 Design Ecologies (BF)

***CMP 3100** Planning Theory & Practice

CMP 3200 Ecology of Human Settlements

CMP 4710 Introduction to Transportation Planning

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Env. & Natural Resource Economics

***ECON 5250** Environmental & Natural Resource Economics

ENGL 2050 Literature of the American West

ENGL 3080 Studies in Environmental Literature

ENVST/GEOG 3368 Energy Choices for the 21st Century

***ENVST/GEOG 3390** Sustainable Streams & Riparian Ecosystems

ENVST/SOC 3720 Environmental Health Disparities

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5600 Environments & Human Behavior

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEO 1050 National Parks: Geology Behind the Scenes

***GEOG 3200** Geomorphology: Mountains, Rivers, and Lakes

GEOG 3215 Climate Change Impacts, Adaptation, and Mitigation

GEOG 3350 Resource Conservation & Environmental Management

GEOG 3385 Federal Land Management

GEOG 5205 Climate Change Foundations

GEOG 5275 Vegetation & Climate Change

HIST 4380 US Environmental History

HIST 4855 Environmental History of India

***HONOR 3245** Global Environmental Change

PHIL 3530 Environmental Ethics (HF)

PHIL 5530 Environmental Philosophy (HF)

POLS 5540 Nonprofit Advocacy

PRT 5410 Land & Resource Recreation Planning

PRT 5420 Ecology & Management of Wildland Resources

Complete at least 2 of the following:

POLS1100 - U.S. National Government (3)

POLS2100 - Introduction to International Relations (3)

POLS2200 - Introduction to Comparative Politics (3)

POLS2300 - Introduction to Political Theory (3)

POLS2700 - Introduction to Public Administration (3)

Earned at least 12 credits from POLS 3000 - 5999

Grand Total Credits: 18

ENVST CONSERVATION & LAND MANAGEMENT

WITH ECONOMICS MINOR

REQUIRED CLASSES

Pre-requisites for ENVST upper division courses

ENVST 2000 First Year Seminar (1cr)

ENVST 2050 Introduction to Environmental Science (SF)

ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

***ENVST 3364** Challenges to Global Sustainability (IR)

***ENVST 3365** Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***COMM 3710** Intro to Quantitative Comm. Research (QI)

CMP 4010 Research Methods in Urban Ecology (QI)

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

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

***GEOG 3270** Global Patterns of Life (CW, SF)

***HONOR 3200** Writing in a Research University (CW)

***MGT 3810** Business & Professional Communication (CW)

***WRTG 3014** Scientific Writing (CW)

WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)



Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ATMOS 3200/GEOG 3280 Mountain Weather & Climate

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***CHEM 1210/1215** General Chemistry & Lab I (SF)

CMP 2010 Design Ecologies (BF)

***CMP 3100** Planning Theory & Practice

CMP 3200 Ecology of Human Settlements

CMP 4710 Introduction to Transportation Planning

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Env. & Natural Resource Economics (BF)

***ECON 5250** Environmental & Natural Resource Economics

ENGL 2050 Literature of the American West

ENGL 3080 Studies in Environmental Literature

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

Complete the following:

ECON2010 - Principles of Microeconomics (3)

ECON2020 - Principles of Macroeconomics (3)

History, Theory, Thought

Complete at least 1 of the following:

ECON4010 - Intermediate Microeconomic Analysis (3)

ECON4020 - Intermediate Macroeconomic Analysis (3)

ECON5050 - Keynes' Economics (3)

ECON5060 - History of Economic Doctrines (3)

ECON5080 - Marxian Economics (3)

ECON5400 - Middle East Economic History (3)

ECON5410 - Survey of European Economic History (3)

ECON5420 - China and the Global Economy (3)

ECON5430 - Asian Economic History and Development (3)

ECON5460 - Latin American Economic History and Development (3)

ECON5470 - Industrialization and Economic Development: The American Case (3)

Electives

Earned at least 9 credits from ECON 3000 - 5999, excluding:

ECON3620 - Mathematics for Economists (3)

ECON3640 - Probability and Statistical Inference for Economists (3)

ECON3905 - Modes of Learning: Writing & Communication in Econ (1)

Grand Total Credits: 18

ENVST CONSERVATION & LAND MANAGEMENT

WITH SOCIOLOGY MINOR

Statistics Courses (select one)

- ***COMM 3710** Intro to Quantitative Comm. Research (QI)
- CMP 4010** Research Methods in Urban Ecology (QI)
- ***GEOG 3020** Geographic Analysis (QI, QB)
- ***POLS 5001** Quantitative Analysis in Political Science (QI)

SOC 3112 Social Statistics (QI, QB)

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- ***COMM 4650** Environmental Reporting (CW)
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- ***MGT 3810** Business & Professional Communication (CW)
- ***WRTG 3014** Scientific Writing (CW)
- WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

- ***ANTH 5234** Population Issues in Anthropology (QI, QB)
- BIOL 2355** Field Botany (2cr)
- ***CMP 4450** GIS for Urban Ecologists (QI)
- ***GEO 3400** Computational & Field Methods in Applied Geology
- ***GEOG 3100** Introduction to GIS & Cartography (QI) (5cr)
- ***GEOG 5712** Paleoenvironmental Field Methods
- POLS 3001** Political Analysis (QI, QB)
- ***PRT 3780** Program & Service Evaluation in PRT (QI, QB)

SOC 3111 Research Methods (CW)

To Be Completed in Your Last Year

- ***ENVST 4800** Environmental & Sustainability Studies Internship
- ***ENVST 5555** Capstone: Land Management, Conservation & Place

CAREER OUTLOOK

Bureau of Land Management
US Forest Service
Division of Wildlife Resources
Fish & Game
Department of Agriculture & Food & Forestry
Land focused conservation organizations
Nature Conservancy

- ***BIOL 3450** Rain Forest Ecology & Conservation (IR, SF)
- BIOL 3470** Conservation Biology (AS)
- ***BIOL 5460** Plant Ecology in a Changing World
- ***CHEM 1210/1215** General Chemistry & Lab I (SF)
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- ***CMP 3100** Planning Theory & Practice
- CMP 3200** Ecology of Human Settlements
- CMP 4710** Introduction to Transportation Planning
- COMM 5360** Environmental Communication
- COMM 5365** Communicating Climate Change
- ECON 3250** Intro to Env. & Natural Resource Economics (BF)
- ***ECON 5250** Environmental & Natural Resource Economics
- ENGL 2050** Literature of the American West
- ENGL 3080** Studies in Environmental Literature
- ENVST/GEOG 3368** Energy Choices for the 21st Century (SF)
- ***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
- ENVST/SOC 3720** Environmental Health Disparities
- FCS/PSY 3620** Environmental Psychology & Sustainability
- FCS 5600** Environments & Human Behavior
- FCS 5630** Healthy Communities
- FCS 5730** Community & Environmental Change
- GEO 1050** National Parks: Geology Behind the Scenery
- ***GEOG 3200** Geomorphology: Mountains, Rivers, Deserts (SF)
- GEOG 3215** Climate Change Impacts, Adaptation and Mitigation
- GEOG 3350** Resource Conservation & Environ Management (BF)
- GEOG 3385** Federal Land Management
- GEOG 5205** Climate Change Foundations
- GEOG 5275** Vegetation & Climate Change
- HIST 4380 US** Environmental History
- HIST 4855** Environmental History of India
- ***HONOR 3245** Global Environmental Change
- PHIL 3530** Environmental Ethics (HF)
- PHIL 5530** Environmental Philosophy (HF)
- POLS 5540** Nonprofit Advocacy
- PRT 5410** Land & Resource Recreation Planning
- PRT 5420** Ecology & Management of Wildland Recreation Settings
- PRT 5430** Recreation Issues in Human Dimensions of Wildlife
- ***PSY 4130** Cognition in the Wild
- SOC 3480** Environmental Sociology (IR)

Complete the following:

SOC1010 - Introduction to Sociology (3)

Complete at least 1 of the following:

SOC3111 - Research Methods (3)

SOC3140 - Introduction to Sociological Theory (3)

Earned at least 6 credits from **SOC 3000 - 5999**, excluding:

SOC3950 - Individual Research (1 - 3)

SOC3951 - Directed Reading (1 - 3)

ENVST CONSERVATION & LAND MANAGEMENT

WITH CONSUMER & COMMUNITY STUDIES MINOR

***BIOL 1620/1625** Fundamental Principles of Biology II
***BIOL 2400** Principles of Wildlife Ecology & Conservation (AS)
***BIOL 3340** Intro to Plant Biology
***BIOL 3410** Ecology & Evolution
***BIOL 3450** Rain Forest Ecology & Conservation (IR, SF)
BIOL 3470 Conservation Biology (AS)
***BIOL 5460** Plant Ecology in a Changing World
***CHEM 1210/1215** General Chemistry & Lab I (SF)
CMP 2010 Design Ecologies (BF)
***CMP 3100** Planning Theory & Practice
CMP 3200 Ecology of Human Settlements
CMP 4710 Introduction to Transportation Planning
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
ECON 3250 Intro to Env. & Natural Resource Economics (BF)
***ECON 5250** Environmental & Natural Resource Economics
ENGL 2050 Literature of the American West
ENGL 3080 Studies in Environmental Literature
ENVST/ GEOG 3368 Energy Choices for the 21st Century (SF)
***ENVST/ GEOG 3390** Sustainable Streams & Riparian Zones
ENVST/ SOC 3720 Environmental Health Disparities
FCS/ PSY 3620 Environmental Psychology & Sustainability
FCS 5600 Environments & Human Behavior
FCS 5630 Healthy Communities
FCS 5730 Community & Environmental Change
GEO 1050 National Parks: Geology Behind the Scenery
***GEOG 3200** Geomorphology: Mountains, Rivers, Deserts (SF)
GEOG 3215 Climate Change Impacts, Adaptation and Mitigation
GEOG 3350 Resource Conservation & Environ Management (BF)
GEOG 3385 Federal Land Management
GEOG 5205 Climate Change Foundations
GEOG 5275 Vegetation & Climate Change

Complete all of the following

Consumer and Community Studies Core

Earned at least 6 credits from the following:

FCS3600 - Introduction to Consumer and Community Policy (3)

FCS3450 - Family Economic Issues Across the Life Course (3)

FCS3500 - Financial Skills for Life (3)

Consumer and Community Studies Electives

Earned at least 9 credits from the following:

FCS3010 - Introduction to FCS and Career Development (2)

FCS2180 - Family, School and Community Connections (3)

FCS3420 - Housing Policy and Issues (3)

FCS3430 - Family Advocacy and Policy (3)

FCS3450 - Family Economic Issues Across the Life Course (3)

FCS3500 - Financial Skills for Life (3)

FCS3510 - Tax Preparation Certification & Community Engagement (3)

FCS3620 - Environmental Psychology and Sustainability (3)

FCS3904 - Modes of Learning: Community Engaged Learning (1)

FCS4890 - CSBS Internship Program in Family & Consumer Studies (1 - 6)

FCS5200 - Families and Social Policy (3)

FCS5282 - Conflict and Mediation (3)

FCS5430 - Families, Consumers, and Health (3)

FCS5450 - Nonprofit Community Organizations (3)

FCS5510 - Building Family Wealth: Investment and Life Insurance Planning (3)

FCS5520 - Retirement and Benefits Planning for Families (3)

FCS5530 - Income Tax Planning for Families (3)

FCS5540 - Protecting Family Wealth: Insurance and Estate Planning (3)

FCS5550 - Family Financial Planning Capstone (3)

FCS5630 - Healthy Communities (3)

FCS5700 - Analyzing Community Growth: An Evidence-based Approach (3)

FCS5730 - Community and Environmental Change (3)

FCS5800 - Optimal Human Development and Social Policy (3)

FCS5950 - Undergraduate Research (1 - 4)

FCS5964 - Special Topics in Consumer Studies and Family Economics (1 - 5)

ENVST CONSERVATION & LAND MANAGEMENT

WITH PARKS, RECREATION & TOURISM (PRT)
MINOR

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

***CMP 4450** GIS for Urban Ecologists (QI)

***GEO 3400** Computational & Field Methods in Applied Geology

***GEOG 3100** Introduction to GIS & Cartography (QI) (5cr)

***GEOG 5712** Paleoenvironmental Field Methods

POLS 3001 Political Analysis (QI, QB)

***PRT 3780** Program & Service Evaluation in PRT (QI, QB)

SOC 3111 Research Methods (CW)

To Be Completed In Your Last Year

***ENVST 4800** Environmental & Sustainability Studies Internship

***ENVST 5555** Capstone: Land Management, Conservation & Place

CAREER OUTLOOK

Bureau of Land Management

US Forest Service

Division of Wildlife Resources

Fish & Game

Department of Agriculture & Food & Forestry

Land focused conservation organizations

Nature Conservancy

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5600 Environments & Human Behavior

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEO 1050 National Parks: Geology Behind the Scenery

***GEOG 3200** Geomorphology: Mountains, Rivers, Deserts (SF)

GEOG 3215 Climate Change Impacts, Adaptation and Mitigation

GEOG 3350 Resource Conservation & Environ Management (BF)

GEOG 3385 Federal Land Management

GEOG 5205 Climate Change Foundations

GEOG 5275 Vegetation & Climate Change

HIST 4380 US Environmental History

HIST 4855 Environmental History of India

***HONOR 3245** Global Environmental Change

PHIL 3530 Environmental Ethics (HF)

PHIL 5530 Environmental Philosophy (HF)

POLS 5540 Nonprofit Advocacy

PRT 5410 Land & Resource Recreation Planning

PRT 5420 Ecology & Management of Wildland Recreation Settings

PRT 5430 Recreation Issues in Human Dimensions of Wildlife

***PSY 4130** Cognition in the Wild

SOC 3480 Environmental Sociology (IR)

Complete all of the following

Required Courses

Complete at least 1 of the following:

PRT1110 - Leisure in Your Life (3)

PRT2101 - Foundations of Parks, Recreation and Tourism (3)

Select From:

Complete at least 1 of the following:

PRT3310 - Leisure Behavior and Human Diversity (3)

PRT2320 - Recreation Programming and Leadership (4)

PRT2207 - Parks, Recreation and Tourism Management (3)

Electives

Complete all of the following

Complete 12 credit(s) of upper-division PRT credit hours from approved courses in ONE emphasis area:

Commercial, Community, and Sport Management,
Sustainable Tourism and Hospitality,
Outdoor Recreation Studies

Earned at least 12 credits from PRT 3050 - 5999

ENVST CONSERVATION & LAND MANAGEMENT

WITH EARTH SCIENCE MINOR

Writing Courses (select one)

- ***COMM 4650** Environmental Reporting (CW)
- CMP 4260** Land, Law, & Culture (CW)
- ***GEOG 3270** Global Patterns of Life (CW, SF)
- ***HONOR 3200** Writing in a Research University (CW)
- ***MGT 3810** Business & Professional Communication (CW)
- ***WRTG 3014** Scientific Writing (CW)
- WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

- ***ANTH 5234** Population Issues in Anthropology (QI, QB)
- BIOL 2355** Field Botany (2cr)
- ***CMP 4450** GIS for Urban Ecologists (QI)
- ***GEO 3400** Computational & Field Methods in Applied Geology
- ***GEOG 3100** Introduction to GIS & Cartography (QI) (5cr)
- ***GEOG 5712** Paleoenvironmental Field Methods
- POLS 3001** Political Analysis (QI, QB)
- ***PRT 3780** Program & Service Evaluation in PRT (QI, QB)
- SOC 3111** Research Methods (CW)

To Be Completed in Your Last Year

- ***ENVST 4800** Environmental & Sustainability Studies Internship
- ***ENVST 5555** Capstone: Land Management, Conservation & Place

- CMP 3200** Ecology of Human Settlements
- CMP 4710** Introduction to Transportation Planning
- COMM 5360** Environmental Communication
- COMM 5365** Communicating Climate Change
- ECON 3250** Intro to Env. & Natural Resource Economics
- ***ECON 5250** Environmental & Natural Resource Econor
- ENGL 2050** Literature of the American West
- ENGL 3080** Studies in Environmental Literature
- ENVST/GEOG 3368** Energy Choices for the 21st Centur
- ***ENVST/GEOG 3390** Sustainable Streams & Riparian Zc
- ENVST/SOC 3720** Environmental Health Disparities
- FCS/PSY 3620** Environmental Psychology & Sustainabil
- FCS 5600** Environments & Human Behavior
- FCS 5630** Healthy Communities
- FCS 5730** Community & Environmental Change
- GEO 1050** National Parks: Geology Behind the Scenery
- ***GEOG 3200** Geomorphology: Mountains, Rivers, Dese
- GEOG 3215** Climate Change Impacts, Adaptation and M
- GEOG 3350** Resource Conservation & Environ Manager
- GEOG 3385** Federal Land Management
- GEOG 5205** Climate Change Foundations
- GEOG 5275** Vegetation & Climate Change
- HIST 4301** Environmental History

Complete the following:

- GEO1100** - Evolving Earth (3)
- GEO2500** - Wasatch in the Field (3)

Geoscience Electives

Complete all of the following

Earned at least 6 credits from the following:

- GEO1000** - Earth Science in the Cinema (3)
- GEO1040** - The World of Dinosaurs (3)
- GEO1050** - National Parks: Geology Behind the Scenery (3)
- GEO1110** - Introduction to Earth Systems (3)
- GEO1115** - Laboratory for Introduction to Earth Systems (1)
- GEO2100** - Reactive Earth (3)

GEO 2100 is highly recommended as it is a prerequisite for many 3000+ level classes.

Upper Division Geoscience Electives

Earned at least 6 credits from GEO 3000 - 5999

Grand Total Credits: 18

ENVST CONSERVATION & LAND MANAGEMENT

WITH URBAN ECOLOGY MINOR

REQUIRED CLASSES

Pre-requisites for ENVST upper division courses

- ENVST 2000** First Year Seminar (1 cr)
- ENVST 2050** Introduction to Environmental Science (SF)
- ENVST 2100** Introduction to Environmental & Sustainability Studies (BF)

ENVST upper division courses

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

Policy Courses (Select One)

- POLS 3390** Intro to Environmental Policy
- POLS 5322** Environmental Policy
- POLS 5510** Water Policy

Statistics Courses (select one)

- ***COMM 3710** Intro to Quantitative Comm. Research (QI)
- CMP 4010** Research Methods in Urban Ecology (QI)
- ***GEOG 3020** Geographic Analysis (QI, QB)
- ***POLS 5001** Quantitative Analysis in Political Science (QI)
- SOC 3112** Social Statistics (QI, QB)

Writing Courses (select one)

- ***COMM 4650** Environmental Reporting (CW)
- CMP 4260** Land, Law, & Culture (CW)
- ***GEOG 3270** Global Patterns of Life (CW, SF)
- ***HONOR 3200** Writing in a Research University (CW)
- ***MGT 3810** Business & Professional Communication (CW)
- ***WRTG 3014** Scientific Writing (CW)
- WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

- ***ANTH 5234** Population Issues in Anthropology (QI, QB)
- BIOL 2355** Field Botany (2cr)
- ***CMP 4450** GIS for Urban Ecologists (QI)
- ***GEO 3400** Computational & Field Methods in Applied Geology



Electives (select seven courses)

- ANTH 3486** Human Ecology (BF, SF)
- ATMOS 3200/GEOG 3280** Mountain Weather & Climate
- ***BIOL 1620/1625** Fundamental Principles of Biology
- ***BIOL 2400** Principles of Wildlife Ecology & Conservation
- ***BIOL 3340** Intro to Plant Biology
- ***BIOL 3410** Ecology & Evolution
- ***BIOL 3450** Rain Forest Ecology & Conservation (IR, SF)
- BIOL 3470** Conservation Biology (AS)
- ***BIOL 5460** Plant Ecology in a Changing World
- ***CHEM 1210/1215** General Chemistry & Lab I (SF)
- CMP 2010** Design Ecologies (BF)
- ***CMP 3100** Planning Theory & Practice
- CMP 3200** Ecology of Human Settlements
- CMP 4710** Introduction to Transportation Planning
- COMM 5360** Environmental Communication
- COMM 5365** Communicating Climate Change
- ECON 3250** Intro to Env. & Natural Resource Economics
- ***ECON 5250** Environmental & Natural Resource Economics
- ENGL 2050** Literature of the American West
- ENGL 3080** Studies in Environmental Literature
- ENVST/GEOG 3368** Energy Choices for the 21st Century
- ***ENVST/GEOG 3390** Sustainable Streams & Riparian Ecosystems
- ENVST/SOC 3720** Environmental Health Disparities
- FCS/PSY 3620** Environmental Psychology & Sustainability
- FCS 5600** Environments & Human Behavior

Complete the following:

- CMP2010** - Design Ecologies (3)
- CMP3200** - Ecology of Human Settlements (3)
- CMP4010** - Field Studies in Urban Ecology I (3)
- CMP4600** - The Just City (3)
- DES2630** - Design Contexts (3)

Elective Courses

Complete at least 1 of the following:

- CMP3100** - Planning Theory and Practice (3)
- CMP3101** - Honors People and Place I (3)
- CMP3150** - City in Literature (3)
- CMP3250** - Planning Process and Methods (3)
- CMP3300** - Advanced Urban Ecology (3)
- CMP3400** - Economy of Cities (3)
- CMP4020** - Field Studies in Urban Ecology II (3)
- CMP4030** - Leadership and Community Engagement (3)
- CMP4260** - Land, Law & Culture (3)
- CMP4280** - Ecological Planning Workshop (3)
- CMP4390** - Natural Science for Sustainability in Built Environments (3)
- CMP4380** - Green Communities (3)
- CMP4400** - Salt Lake City Workshop (3)
- CMP4410** - Site Planning (3)
- CMP4420** - Negotiation & Dispute Resolution (3)
- CMP4450** - GIS for Urban Ecologists (3)
- CMP4460** - Green Infrastructure (3)
- CMP4710** - Introduction to Transportation Planning (3)
- CMP4720** - Land Use and Transportation Planning (3)
- CMP4954** - Internship in Urban Ecology (3)

ENVST CONSERVATION & LAND MANAGEMENT

WITH HISTORY MINOR

Writing Courses (select one)

- ***COMM 4650** Environmental Reporting (CW)
- CMP 4260** Land, Law, & Culture (CW)
- ***GEOG 3270** Global Patterns of Life (CW, SF)
- ***HONOR 3200** Writing in a Research University (CW)
- ***MGT 3810** Business & Professional Communication (CW)
- ***WRTG 3014** Scientific Writing (CW)
- WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

- ***ANTH 5234** Population Issues in Anthropology (QI, QB)
- BIOL 2355** Field Botany (2cr)
- ***CMP 4450** GIS for Urban Ecologists (QI)
- ***GEO 3400** Computational & Field Methods in Applied Geology
- ***GEOG 3100** Introduction to GIS & Cartography (QI) (5cr)
- ***GEOG 5712** Paleoenvironmental Field Methods
- POLS 3001** Political Analysis (QI, QB)
- ***PRT 3780** Program & Service Evaluation in PRT (QI, QB)
- SOC 3111** Research Methods (CW)

To Be Completed in Your Last Year

- ***ENVST 4800** Environmental & Sustainability Studies Internship
- ***ENVST 5555** Capstone: Land Management, Conservation & Place

CAREER OUTLOOK

Bureau of Land Management

- CMP 3200** Ecology of Human Settlements
- CMP 4710** Introduction to Transportation Planning
- COMM 5360** Environmental Communication
- COMM 5365** Communicating Climate Change
- ECON 3250** Intro to Env. & Natural Resource Economics (BF)
- ***ECON 5250** Environmental & Natural Resource Economics
- ENGL 2050** Literature of the American West
- ENGL 3080** Studies in Environmental Literature
- ENVST/GEOG 3368** Energy Choices for the 21st Century (SF)
- ***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
- ENVST/SOC 3720** Environmental Health Disparities
- FCS/PSY 3620** Environmental Psychology & Sustainability
- FCS 5600** Environments & Human Behavior
- FCS 5630** Healthy Communities
- FCS 5730** Community & Environmental Change
- GEO 1050** National Parks: Geology Behind the Scenery
- ***GEOG 3200** Geomorphology: Mountains, Rivers, Deserts (SF)
- GEOG 3215** Climate Change Impacts, Adaptation and Mitigation
- GEOG 3350** Resource Conservation & Environ Management (
- GEOG 3385** Federal Land Management
- GEOG 5205** Climate Change Foundations
- GEOG 5275** Vegetation & Climate Change
- HIST 4380 US** Environmental History
- HIST 4855** Environmental History of India
- ***HONOR 3245** Global Environmental Change
- PHIL 3530** Environmental Ethics (HF)
- PHIL 5530** Environmental Philosophy (HF)

Complete all of the following

Earned at least 6 credits from HIST 1000 - 2999

Earned at least 12 credits from HIST 3000 - 5999

Grand Total Credits: 18

ENVST CONSERVATION & LAND MANAGEMENT

WITH LEADERSHIP STUDIES MINOR

Statistics Courses (select one)

- ***COMM 3710** Intro to Quantitative Comm. Research (QI)
- CMP 4010** Research Methods in Urban Ecology (QI)
- ***GEOG 3020** Geographic Analysis (QI, QB)
- ***POLS 5001** Quantitative Analysis in Political Science (QI)
- SOC 3112** Social Statistics (QI, QB)

Writing Courses (select one)

- ***COMM 4650** Environmental Reporting (CW)
- CMP 4260** Land, Law, & Culture (CW)
- ***GEOG 3270** Global Patterns of Life (CW, SF)
- ***HONOR 3200** Writing in a Research University (CW)
- ***MGT 3810** Business & Professional Communication (CW)
- ***WRTG 3014** Scientific Writing (CW)
- WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

- ***ANTH 5234** Population Issues in Anthropology (QI, QB)
- BIOL 2355** Field Botany (2cr)
- ***CMP 4450** GIS for Urban Ecologists (QI)
- ***GEO 3400** Computational & Field Methods in Applied Geology
- ***GEOG 3100** Introduction to GIS & Cartography (QI) (5cr)
- ***GEOG 5712** Paleoenvironmental Field Methods
- POLS 3001** Political Analysis (QI, QB)
- ***PRT 3780** Program & Service Evaluation in PRT (QI, QB)
- SOC 3111** Research Methods (CW)

To Be Completed in Your Last Year

- ***ENVST 4800** Environmental & Sustainability Studies Internship
- ***ENVST 5555** Capstone: Land Management, Conservation & Place

CAREER OUTLOOK

Bureau of Land Management

- ***BIOL 3450** Rain Forest Ecology & Conservation (IR, SF)
- BIOL 3470** Conservation Biology (AS)
- ***BIOL 5460** Plant Ecology in a Changing World
- ***CHEM 1210/1215** General Chemistry & Lab I (SF)
- CMP 2010** Design Ecologies (BF)
- ***CMP 3100** Planning Theory & Practice
- CMP 3200** Ecology of Human Settlements
- CMP 4710** Introduction to Transportation Planning
- COMM 5360** Environmental Communication
- COMM 5365** Communicating Climate Change
- ECON 3250** Intro to Env. & Natural Resource Economics (BF)
- ***ECON 5250** Environmental & Natural Resource Economics
- ENGL 2050** Literature of the American West
- ENGL 3080** Studies in Environmental Literature
- ENVST/GEOG 3368** Energy Choices for the 21st Century (SF)
- ***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
- ENVST/SOC 3720** Environmental Health Disparities
- FCS/PSY 3620** Environmental Psychology & Sustainability
- FCS 5600** Environments & Human Behavior
- FCS 5630** Healthy Communities
- FCS 5730** Community & Environmental Change
- GEO 1050** National Parks: Geology Behind the Scenery
- ***GEOG 3200** Geomorphology: Mountains, Rivers, Deserts (SF)
- GEOG 3215** Climate Change Impacts, Adaptation and Mitigation
- GEOG 3350** Resource Conservation & Environ Management (BF)
- GEOG 3385** Federal Land Management
- GEOG 5205** Climate Change Foundations
- GEOG 5275** Vegetation & Climate Change
- ***HIST 4380** US Environmental History
- HIST 4855** Environmental History of India
- ***HONOR 3245** Global Environmental Change
- ***PHIL 3530** Environmental Ethics (HF)

MINOR REQUIREMENTS - 19 CREDIT HOURS

- Introductory Course: LDRSP 2020 - 3 credit hours
- Field Experience: LDRSP 4100- 4 credit hours
Prerequisite: LDRSP 2020
- Capstone Course: LDRSP 4750 - 3 credit hours
Prerequisite: LDRSP 2020 and LDRSP 4100
- Three elective courses - 9 credit hours

All students will take one course from each of the following elective course categories:

- [Ethical and Cultural Foundations](#)
- [Group, Organizational and Community Contexts](#)
- [Practical Skills, Instruments, and Processes](#)

ENVST AIR, WATER & HEALTH

WITH GEOGRAPHY MINOR

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

*ENVST 3364 Challenges to Global Sustainability (IR)

*ENVST 3365 Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

*ATMOS 5040 Environmental Statistics (QI)

*COMM 3710 Intro to Quantitative Comm. Research (QI)

CMP 4010 Field Studies in Urban Ecology (QI)

*GEOG 3020 Geographic Analysis (QI, QB)

*POLS 5001 Quantitative Analysis in Political Science (QI)

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

*COMM 4650 Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

*GEOG 3/5270 Global Patterns of Life (CW, SF)

*HONOR 3200 Writing in a Research University (CW)

*MGT 3810 Business & Professional Communication (CW)

*WRTG 3014 Scientific Writing (CW)

WRTG 3420 Environmental Writing (CW, HF)

WRTG 4905 Studies in Professional Discourses (CW)

Methods Courses (select one)

ATMOS 5050 Environmental Instrumentation (2 cr)

*CMP 4450 GIS for Urban Ecologists (QI)

*GEOG 3100 Introduction to GIS & Cartography (QI)(5cr)

POLS 3001 Political Analysis (QI, QB)

SOC 3111 Research Methods (CW)

To Be Completed In Your Last Year

*ENVST 4800 Environmental & Sustainability Studies Internship

*ENVST 5559 Capstone: Air, Water & Health

Electives (select seven courses)

ATMOS 3486 Human Ecology (BF, SF)

ATMOS 3000 Prof. Development in the Atmos. Sciences (1.5cr)

*ATMOS 3100 Atmospheric Chemistry & Air Pollution (IR)

*ATMOS 5000 Intro to Atmospheric Science (QI)

ATMOS 3200/GEOG 3280 Mountain Weather & Climate

*CHEM 1210/1215 General Chemistry & Lab I (SF)

*CMP 3200 Ecology of Human Settlements

CMP 4710 Intro to Transportation Planning

COMM 3115 Communicating Health, Science, Environment

COMM 5360 Environmental Communication

COMM 5365 Communicatig Climate Change

ECON 3190 Health Economics

ECON 3250 Intro to Environmental & Natural Resource Economics (BF)

*ECON 5250 Environmental & Natural Resource Economics

ENGL 5080 Environmental Literature

*ENVST/GEOG 3390 Sustainable Streams & Riparian Zones

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

ENVST/SOC 3720 Environmental Health & Disparities

FCS/PSY 3620 Environmental Psych. & Sustainability

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEO 3300 The Water Planet (SF)

GEO 3800 The Oceans (SF)

*GEO 5350 Groundwater

*GEO 5470 Stable Isotope Biochemistry & Ecology

*GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)

GEOG 3215 Climate Change Impact, Adaptation & Mitigation

GEOG 3330 Urban Environmental Geography (SF)

GEOG 3385 Federal Land Management

GEOG 5205 Regional & Global Climates

GEOG 5275 Vegetation & Climate Change

HIST 4380 US Environmental History

HIST 4860 Environmental History of China

*HONOR 3245 Environmental Change

*MATH 1210 Calculus I (QB)

GEOGRAPHY MINOR

Required Courses

GEOG 1000 SF (3)

GEOG 1400 BF (3)

GEOG 3100 QI (5)

Elective Courses (>3000 LEVEL)

GEOG 3###

GEOG 3###

GEOG 3###



ENVST AIR, WATER & HEALTH

WITH GEOGRAPHIC INFORMATION SCIENCE
(GIS) CERTIFICATE

Statistics Courses (select one)

- *ATMOS 5040 Environmental Statistics (QI)
- *COMM 3710 Intro to Quantitative Comm. Research (QI)
- CMP 4010 Field Studies in Urban Ecology (QI)
- *GEOG 3020 Geographic Analysis (QI, QB)
- *POLS 5001 Quantitative Analysis in Political Science (QI)
- SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

- *COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, & Culture (CW)
- *GEOG 3/5270 Global Patterns of Life (CW, SF)
- *HONOR 3200 Writing in a Research University (CW)
- *MGT 3810 Business & Professional Communication (CW)
- *WRTG 3014 Scientific Writing (CW)
- WRTG 3420 Environmental Writing (CW, HF)
- WRTG 4905 Studies in Professional Discourses (CW)

Methods Courses (select one)

- ATMOS 5050 Environmental Instrumentation (2 cr)
- *CMP 4450 GIS for Urban Ecologists (QI)
- *GEOG 3100 Introduction to GIS & Cartography (QI)(5cr)**
- POLS 3001 Political Analysis (QI, QB)
- SOC 3111 Research Methods (CW)

Program requirements

C or better in the following courses:

Course Number	Title	Credit Hours
GEOG 1180 OR COMP 1010	Introduction to Geo-Programming (S) OR Programming for All 1 (F/S)	3.0 3.0
GEOG 3100	Introduction to GIS and Cartography (F/S)	5.0
GEOG 4140	Advanced Methods in GIS (F/S)	4.0
GEOG 3170	Geospatial Field Methods: GPS and Drones (Fall Break)	3.0
GEOG 5940 OR GEOG 5150&5161	Internship in GIS OR Geospatial Big Data (F) AND Capstone in GIS (S)	3.0-5.0 4.0 & 3.0
Total Credit Hours		18-22

ENVST AIR, WATER & HEALTH

WITH CLIMATE CHANGE CERTIFICATE

REQUIRED CLASSES

Pre-requisites for ENVST upper division courses

- ENVST 2000 First Year Seminar (1cr)
- ENVST 2050 Introduction to Environmental Science (SF)
- ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)

ENVST upper division courses

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

Policy Courses (Select One)

- POLS 3390 Intro to Environmental Policy
- POLS 5322 Environmental Policy
- POLS 5510 Water Policy

Statistics Courses (select one)

- *ATMOS 5040 Environmental Statistics (QI)
- *COMM 3710 Intro to Quantitative Comm. Research (QI)
- CMP 4010 Field Studies in Urban Ecology (QI)
- *GEOG 3020 Geographic Analysis (QI, QB)
- *POLS 5001 Quantitative Analysis in Political Science (QI)
- SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

- *COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, & Culture (CW)
- *GEOG 3/5270 Global Patterns of Life (CW, SF)
- *HONOR 3200 Writing in a Research University (CW)
- *MGT 3810 Business & Professional Communication (CW)
- *WRTG 3014 Scientific Writing (CW)
- WRTG 3420 Environmental Writing (CW, HF)
- WRTG 4905 Studies in Professional Discourses (CW)

Methods Courses (select one)

- ATMOS 5050 Environmental Instrumentation (2 cr)
- *CMP 4450 GIS for Urban Ecologists (QI)
- *GEOG 3100 Introduction to GIS & Cartography (QI)(5cr)
- POLS 3001 Political Analysis (QI, QB)
- SOC 3111 Research Methods (CW)

To Be Completed In Your Last Year

- *ENVST 4800 Environmental & Sustainability Studies Internship
- *ENVST 5559 Capstone: Air, Water & Health



Electives (select seven courses)

- ATMOS 3486 Human Ecology (BF, SF)
- ATMOS 3000 Prof. Development in the Atmos. Sciences (1.5cr)
- *ATMOS 3100 Atmospheric Chemistry & Air Pollution (IR)
- *ATMOS 5000 Intro to Atmospheric Science (QI)
- ATMOS 3200/GEOG 3280 Mountain Weather & Climate
- *CHEM 1210/1215 General Chemistry & Lab I (SF)
- *CMP 3200 Ecology of Human Settlements
- CMP 4710 Intro to Transportation Planning
- COMM 3115 Communicating Health, Science, Environment
- COMM 5360 Environmental Communication
- COMM 5365 Communicating Climate Change
- ECON 3190 Health Economics
- ECON 3250 Intro to Environmental & Natural Resource Economics
- *ECON 5250 Environmental & Natural Resource Economics
- ENGL 5080 Environmental Literature
- *ENVST/GEOG 3390 Sustainable Streams & Riparian Zones
- ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
- ENVST/SOC 3720 Environmental Health & Disparities
- FCS/PSY 3620 Environmental Psych. & Sustainability
- FCS 5630 Healthy Communities
- FCS 5730 Community & Environmental Change
- GEO 3300 The Water Planet (SF)
- GEO 3800 The Oceans (SF)
- *GEO 5350 Groundwater
- *GEO 5470 Stable Isotope Biochemistry & Ecology
- *GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)
- GEOG 3215 Climate Change Impact, Adaptation & Mitigation
- GEOG 3330 Urban Environmental Geography (SF)
- GEOG 3385 Federal Land Management
- GEOG 5205 Regional & Global Climates
- GEOG 5275 Vegetation & Climate Change
- HIST 4380 US Environmental History

Category	Course	Title	Credit Hours
Required	ATMOS 5400 or GEOG 5205	The Climate System	3
	GEOG 5210	Climate Change Foundations	3
	GEOG 5215	Global Climate Change	3
	Sub-Total	Climate Change Impacts, Adaptation & Mitigation	9
3 Elective Courses	ATMOS 3100	Atmospheric Chemistry & Air Pollution	3
	ATMOS 3200	Mountain Weather and Climate	3
	BIOL 3440	Global Change Ecology	3
	BIOL 3460	Global Environmental Issues	3
	BIOL 5440	Urban Ecology	3
	BIOL 5490	Ecosystem Ecology	3
	COMM 5365	Communicating Climate Change	3
	ENVST 3365	Environmental Justice	3
	GEO 3300	Water Planet	3
	GEO 5675	Paleoclimate Reconstruction	3
	GEOG 5460	Popular Literature on Climate Change	4
	GEOG 5410	Paleoclimatology	3
	GEOG 5270	Biogeography: Global Patterns of Life	3
	GEOG 5090	Medical Geography	3
GEOG 5275	Vegetation and Climate Change	3	
Sub-Total (minimum)		9	
Certificate Total		18-19 credits	

ENVST AIR, WATER & HEALTH

WITH HAZARDS & EMERGENCY MANAGEMENT CERTIFICATE

Statistics Courses (select one)

*ATMOS 5040 Environmental Statistics (QI)
 *COMM 3710 Intro to Quantitative Comm. Research (QI)
 CMP 4010 Field Studies in Urban Ecology (QI)
 *GEOG 3020 Geographic Analysis (QI, QB)
 *POLS 5001 Quantitative Analysis in Political Science (QI)
 SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

*COMM 4650 Environmental Reporting (CW)
 CMP 4260 Land, Law, & Culture (CW)
 *GEOG 3/5270 Global Patterns of Life (CW, SF)
 *HONOR 3200 Writing in a Research University (CW)
 *MGT 3810 Business & Professional Communication (CW)
 *WRTG 3014 Scientific Writing (CW)
 WRTG 3420 Environmental Writing (CW, HF)
 WRTG 4905 Studies in Professional Discourses (CW)

Methods Courses (select one)

ATMOS 5050 Environmental Instrumentation (2 cr)
 *CMP 4450 GIS for Urban Ecologists (QI)
 *GEOG 3100 Introduction to GIS & Cartography (QI)(5cr)
 POLS 3001 Political Analysis (QI, QB)
 SOC 3111 Research Methods (CW)

To Be Completed In Your Last Year

*ENVST 4800 Environmental & Sustainability Studies Internship
 *ENVST 5559 Capstone: Air, Water & Health

*CHEM 1210/1215 General Chemistry & Lab I (SF)
 *CMP 3200 Ecology of Human Settlements
 CMP 4710 Intro to Transportation Planning
 COMM 3115 Communicating Health, Science, Environment
 COMM 5360 Environmental Communication
 COMM 5365 Communicatig Climate Change
 ECON 3190 Health Economics
 ECON 3250 Intro to Environmental & Natural Resource Economic
 *ECON 5250 Environmental & Natural Resource Economics
 ENGL 5080 Environmental Literature
 *ENVST/GEOG 3390 Sustainable Streams & Riparian Zones
 ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
 ENVST/SOC 3720 Environmental Health & Disparities
 FCS/PSY 3620 Environmental Psych. & Sustainability
 FCS 5630 Healthy Communities
 FCS 5730 Community & Environmental Change
 GEO 3300 The Water Planet (SF)
 GEO 3800 The Oceans (SF)
 *GEO 5350 Groundwater
 *GEO 5470 Stable Isotope Biochemistry & Ecology
 *GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)
 *GEOG 3215 Climate Change Impact, Adaptation & Mitigation
 GEOG 3330 Urban Environmental Geography (SF)
 GEOG 3385 Federal Land Management
 GEOG 5205 Regional & Global Climates
 GEOG 5275 Vegetation & Climate Change
 HIST 4380 US Environmental History

Category	Course Prefix & Number	Title	Credit Hours
Required	GEO 1000	Earth Science in the Cinema	3
	or GEOG 3310	Introduction to Natural Hazards	
	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 Psychology & Sustainability	3
	GEO 1030	Earthquakes and Volcanoes	3
	GEO 5170	GeoHazards & Engineering Geomorphology	3
	GEOG 5215	Climate Change Impacts, Adaptation & Mitigation	3
	GEOG 5230	Pyrogeography	3
	HEDU 2720	Emergency Medical Responder	3
	PSY 3171	Human Factors and Ergonomics	3
	SOC 3569	Terrorism, Violence and Aggression	3
		Sub-Total	
Technical Electives (select 1)	GEOG 3100	Intro to Geographic Information Systems (GIS) and Cartography	5
	GEOG 3110	Introduction to Remote Sensing	3
	Sub-Total (minimum)		3-5
Certificate Total			18-20 credits

ENVST AIR, WATER & HEALTH

WITH POLITICAL SCIENCE MINOR

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***ATMOS 5040** Environmental Statistics (QI)

***COMM 3710** Intro to Quantitative Comm. Research (QI)

CMP 4010 Field Studies in Urban Ecology (QI)

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

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

***GEOG 3/5270** Global Patterns of Life (CW, SF)

***HONOR 3200** Writing in a Research University (CW)

***MGT 3810** Business & Professional Communication (CW)

***WRTG 3014** Scientific Writing (CW)

WRTG 3420 Environmental Writing (CW, HF)

WRTG 4905 Studies in Professional Discourses (CW)

Methods Courses (select one)

ATMOS 5050 Environmental Instrumentation (2 cr)

***CMP 4450** GIS for Urban Ecologists (QI)

***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)

POLS 3001 Political Analysis (QI, QB)

SOC 3111 Research Methods (CW)

To Be Completed In Your Last Year

***ENVST 4800** 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

University Extension Specialist

Restoration Practitioner

Agency or Academic Scientist

ATMOS 3480 Human Ecology (BI, SI)

ATMOS 3000 Prof. Development in the A

***ATMOS 3100** Atmospheric Chemistry &

***ATMOS 5000** Intro to Atmospheric Scier

ATMOS 3200/GEOG 3280 Mountain Weat

***CHEM 1210/1215** General Chemistry &

***CMP 3200** Ecology of Human Settlemen

CMP 4710 Intro to Transportation Plannin

COMM 3115 Communicating Health, Scier

COMM 5360 Environmental Communica

COMM 5365 Communicatig Climate Cha

ECON 3190 Health Economics

ECON 3250 Intro to Environmental & Natur

***ECON 5250** Environmental & Natural Resc

ENGL 5080 Environmental Literature

***ENVST/GEOG 3390** Sustainable Stream

ENVST/GEOG 3368 Energy Choices for th

ENVST/SOC 3720 Environmental Health

FCS/PSY 3620 Environmental Psych. & Su

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental C

GEO 3300 The Water Planet (SF)

GEO 3800 The Oceans (SF)

***GEO 5350** Groundwater

***GEO 5470** Stable Isotope Biochemistry &

***GEOG 3200** Geomorphology: Mountains,

GEOG 3215 Climate Change Impact, Ada

GEOG 3330 Urban Environmental Geogr

GEOG 3385 Federal Land Management

GEOG 5205 Regional & Global Climates

GEOG 5275 Vegetation & Climate Change

HIST 4380 US Environmental History

HIST 4860 Environmental History of Chin

***HONOR 3245** Environmental Change

***MATH 1210** Calculus I (QR)

PHIL 3310 Science & Society (HF)

PHIL 3530 Environmental Ethics (HF)

PHIL 5530 Environmental Philosophy (HF)

***PHYS 2010/2015** General Physics & Lab

***PHYS 2210/2215** Physics for Scientists & E

POLS 5321 Health Policy

POLS 5540 Nonprofit Advocacy

SOC 3480 Environmental Sociology (IR)

Complete at least 2 of the following:

POLS1100 - U.S. National Government (3)

POLS2100 - Introduction to International Relations (3)

POLS2200 - Introduction to Comparative Politics (3)

POLS2300 - Introduction to Political Theory (3)

POLS2700 - Introduction to Public Administration (3)

Earned at least 12 credits from POLS 3000 - 5999

Grand Total Credits: 18

ENVST AIR, WATER & HEALTH

WITH ECONOMICS MINOR

REQUIRED CLASSES

Pre-requisites for ENVST upper division courses

ENVST 2000 First Year Seminar (1cr)

ENVST 2050 Introduction to Environmental Science (SF)

ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

***ENVST 3364** Challenges to Global Sustainability (IR)

***ENVST 3365** Environmental Justice (DV)

Policy Courses (select one)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***ATMOS 5040** Environmental Statistics (QI)

***COMM 3710** Intro to Quantitative Comm. Research (QI)

CMP 4010 Field Studies in Urban Ecology (QI)

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

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

***GEOG 3/5270** Global Patterns of Life (CW, SF)

***HONOR 3200** Writing in a Research University (CW)



Electives (select seven courses)

ATMOS 3486 Human Ecology (BF, SF)

ATMOS 3000 Prof. Development in the Atmos. Sciences (1.5cr)

***ATMOS 3100** Atmospheric Chemistry & Air Pollution (IR)

***ATMOS 5000** Intro to Atmospheric Science (QI)

ATMOS 3200/GEOG 3280 Mountain Weather & Climate

***CHEM 1210/1215** General Chemistry & Lab I (SF)

***CMP 3200** Ecology of Human Settlements

CMP 4710 Intro to Transportation Planning

COMM 3115 Communicating Health, Science, Environment

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3190 Health Economics

ECON 3250 Intro to Environmental & Natural Resource Economics (BF)

***ECON 5250** Environmental & Natural Resource Economics

ENGL 5080 Environmental Literature

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

Complete the following:

ECON2010 - Principles of Microeconomics (3)

ECON2020 - Principles of Macroeconomics (3)

History, Theory, Thought

Complete at least 1 of the following:

ECON4010 - Intermediate Microeconomic Analysis (3)

ECON4020 - Intermediate Macroeconomic Analysis (3)

ECON5050 - Keynes' Economics (3)

ECON5060 - History of Economic Doctrines (3)

ECON5080 - Marxian Economics (3)

ECON5400 - Middle East Economic History (3)

ECON5410 - Survey of European Economic History (3)

ECON5420 - China and the Global Economy (3)

ECON5430 - Asian Economic History and Development (3)

ECON5460 - Latin American Economic History and Development (3)

ECON5470 - Industrialization and Economic Development: The American Case (3)

Electives

Earned at least 9 credits from **ECON 3000 - 5999**, excluding:

ECON3620 - Mathematics for Economists (3)

ECON3640 - Probability and Statistical Inference for Economists (3)

ECON3905 - Modes of Learning: Writing & Communication in Econ (1)

Grand Total Credits: 18

ENVST AIR, WATER & HEALTH

WITH SOCIOLOGY MINOR

Statistics Courses (select one)

- *ATMOS 5040 Environmental Statistics (QI)
- *COMM 3710 Intro to Quantitative Comm. Research (QI)
- CMP 4010 Field Studies in Urban Ecology (QI)
- *GEOG 3020 Geographic Analysis (QI, QB)
- *POLS 5001 Quantitative Analysis in Political Science (QI)

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

- *COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, & Culture (CW)
- *GEOG 3/5270 Global Patterns of Life (CW, SF)
- *HONOR 3200 Writing in a Research University (CW)
- *MGT 3810 Business & Professional Communication (CW)
- *WRTG 3014 Scientific Writing (CW)
- WRTG 3420 Environmental Writing (CW, HF)
- WRTG 4905 Studies in Professional Discourses (CW)

Methods Courses (select one)

- ATMOS 5050 Environmental Instrumentation (2 cr)
- *CMP 4450 GIS for Urban Ecologists (QI)
- *GEOG 3100 Introduction to GIS & Cartography (QI)(5cr)
- POLS 3001 Political Analysis (QI, QB)
- SOC 3111 Research Methods (CW)**

To Be Completed in Your Last Year

- *ENVST 4800 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
University Extension Specialist
Restoration Practitioner
Agency or Academic Scientist

- *CHEM 1210/1215 General Chemistry & Lab I (SF)
- *CMP 3200 Ecology of Human Settlements
- CMP 4710 Intro to Transportation Planning
- COMM 3115 Communicating Health, Science, Environment
- COMM 5360 Environmental Communication
- COMM 5365 Communicating Climate Change
- ECON 3190 Health Economics
- ECON 3250 Intro to Environmental & Natural Resource Economics
- *ECON 5250 Environmental & Natural Resource Economics
- ENGL 5080 Environmental Literature
- *ENVST/GEOG 3390 Sustainable Streams & Riparian Zones
- ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
- ENVST/SOC 3720 Environmental Health & Disparities
- FCS/PSY 3620 Environmental Psych. & Sustainability
- FCS 5630 Healthy Communities
- FCS 5730 Community & Environmental Change
- GEO 3300 The Water Planet (SF)
- GEO 3800 The Oceans (SF)
- *GEO 5350 Groundwater
- *GEO 5470 Stable Isotope Biochemistry & Ecology
- *GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)
- GEOG 3215 Climate Change Impact, Adaptation & Mitigation
- GEOG 3330 Urban Environmental Geography (SF)
- GEOG 3385 Federal Land Management
- GEOG 5205 Regional & Global Climates
- GEOG 5275 Vegetation & Climate Change
- HIST 4380 US Environmental History
- HIST 4860 Environmental History of China
- *HONOR 3245 Environmental Change
- *MATH 1210 Calculus I (QR)
- PHIL 3310 Science & Society (HF)
- PHIL 3530 Environmental Ethics (HF)
- PHIL 5530 Environmental Philosophy (HF)
- *PHYS 2010/2015 General Physics & Lab I (SF)
- *PHYS 2210/2215 Physics for Scientists & Engineers & Lab I (SF)
- POLS 5321 Health Policy
- POLS 5540 Nonprofit Advocacy
- SOC 3480 Environmental Sociology (IR)**

Complete the following:

SOC1010 - Introduction to Sociology (3)

Complete at least 1 of the following:

SOC3111 - Research Methods (3)

SOC3140 - Introduction to Sociological Theory (3)

Earned at least 6 credits from SOC 3000 - 5999, excluding:

SOC3950 - Individual Research (1 - 3)

SOC3951 - Directed Reading (1 - 3)

ENVST AIR, WATER & HEALTH

WITH CONSUMER & COMMUNITY STUDIES MINOR

Electives (select seven courses)

ATMOS 3486 Human Ecology (BF, SF)
ATMOS 3000 Prof. Development in the Atmos. Sciences (1.5cr)
***ATMOS 3100** Atmospheric Chemistry & Air Pollution (IR)
***ATMOS 5000** Intro to Atmospheric Science (QI)
ATMOS 3200/GEOG 3280 Mountain Weather & Climate
***CHEM 1210/1215** General Chemistry & Lab I (SF)
***CMP 3200** Ecology of Human Settlements
CMP 4710 Intro to Transportation Planning
COMM 3115 Communicating Health, Science, Environment
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
ECON 3190 Health Economics
ECON 3250 Intro to Environmental & Natural Resource Economics (BF)
***ECON 5250** Environmental & Natural Resource Economics
ENGL 5080 Environmental Literature
***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
ENVST/SOC 3720 Environmental Health & Disparities
FCS/PSY 3620 Environmental Psych. & Sustainability
FCS 5630 Healthy Communities
FCS 5730 Community & Environmental Change
GEO 3300 The Water Planet (SF)

Complete all of the following

Consumer and Community Studies Core

Earned at least 6 credits from the following:

- FCS3600** - Introduction to Consumer and Community Policy (3)
- FCS3450** - Family Economic Issues Across the Life Course (3)
- FCS3500** - Financial Skills for Life (3)

Consumer and Community Studies Electives

Earned at least 9 credits from the following:

- FCS3010** - Introduction to FCS and Career Development (2)
- FCS2180** - Family, School and Community Connections (3)
- FCS3420** - Housing Policy and Issues (3)
- FCS3430** - Family Advocacy and Policy (3)
- FCS3450** - Family Economic Issues Across the Life Course (3)
- FCS3500** - Financial Skills for Life (3)
- FCS3510** - Tax Preparation Certification & Community Engagement (3)
- FCS3620** - Environmental Psychology and Sustainability (3)
- FCS3904** - Modes of Learning: Community Engaged Learning (1)
- FCS4890** - CSBS Internship Program in Family & Consumer Studies (1 - 6)
- FCS5200** - Families and Social Policy (3)
- FCS5282** - Conflict and Mediation (3)
- FCS5430** - Families, Consumers, and Health (3)
- FCS5450** - Nonprofit Community Organizations (3)
- FCS5510** - Building Family Wealth: Investment and Life Insurance Planning (3)
- FCS5520** - Retirement and Benefits Planning for Families (3)
- FCS5530** - Income Tax Planning for Families (3)
- FCS5540** - Protecting Family Wealth: Insurance and Estate Planning (3)
- FCS5550** - Family Financial Planning Capstone (3)
- FCS5630** - Healthy Communities (3)
- FCS5700** - Analyzing Community Growth: An Evidence-based Approach (3)
- FCS5730** - Community and Environmental Change (3)
- FCS5800** - Optimal Human Development and Social Policy (3)
- FCS5950** - Undergraduate Research (1 - 4)
- FCS5964** - Special Topics in Consumer Studies and Family Economics (1 - 5)

ENVST AIR, WATER & HEALTH

WITH ATMOSPHERIC SCIENCE MINOR

REQUIRED CLASSES

Pre-requisites for ENVST upper division courses

ENVST 2000 First Year Seminar (1cr)

ENVST 2050 Introduction to Environmental Science (SF)

ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

***ENVST 3364** Challenges to Global Sustainability (IR)

***ENVST 3365** Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***ATMOS 5040** Environmental Statistics (QI)

***COMM 3710** Intro to Quantitative Comm. Research (QI)

CMP 4010 Field Studies in Urban Ecology (QI)

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

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

***GEOG 3/5270** Global Patterns of Life (CW, SF)

***HONOR 3200** Writing in a Research University (CW)

***MGT 3810** Business & Professional Communication (CW)

***WRTG 3014** Scientific Writing (CW)

WRTG 3420 Environmental Writing (CW, HF)

WRTG 4905 Studies in Professional Discourses (CW)

Methods Courses (select one)

ATMOS 5050 Environmental Instrumentation (2 cr)

***CMP 4450** GIS for Urban Ecologists (QI)

***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)

POLS 3001 Political Analysis (QI, QB)

SOC 3111 Research Methods (CW)



Electives (select seven courses)

ATMOS 3486 Human Ecology (BF, SF)

ATMOS 3000 Prof. Development in the Atmos. Sciences (1.5cr)

***ATMOS 3100** Atmospheric Chemistry & Air Pollution (IR)

***ATMOS 5000** Intro to Atmospheric Science (QI)

ATMOS 3200/GEOG 3280 Mountain Weather & Climate

***CHEM 1210/1215** General Chemistry & Lab I (SF)

***CMP 3200** Ecology of Human Settlements

CMP 4710 Intro to Transportation Planning

COMM 3115 Communicating Health, Science, Environment

COMM 5360 Environmental Communication

COMM 5365 Communicatig Climate Change

ECON 3190 Health Economics

ECON 3250 Intro to Environmental & Natural Resource Economics (B)

***ECON 5250** Environmental & Natural Resource Economics

ENGL 5080 Environmental Literature

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

ENVST/SOC 3720 Environmental Health & Disparities

FCS/PSY 3620 Environmental Psych. & Sustainability

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEO 3300 The Water Planet (SF)

GEO 3800 The Oceans (SF)

***GEO 5350** Groundwater

***GEO 5470** Stable Isotope Biochemistry & Ecology

***GEOG 3200** Geomorphology: Mountains, Rivers, Deserts (SF)

GEOG 3215 Climate Change Impact, Adaptation & Mitigation

GEOG 3330 Urban Environmental Geography (SF)

Required Courses

18 Total Credits

Earned at least 18 credits from ATMOS

Grand Total Credits: 18

ENVST AIR, WATER & HEALTH

WITH EARTH SCIENCE MINOR

Electives (select seven courses)

ATMOS 3486 Human Ecology (BF, SF)
ATMOS 3000 Prof. Development in the Atmos. Sciences (1.5cr)
***ATMOS 3100** Atmospheric Chemistry & Air Pollution (IR)
***ATMOS 5000** Intro to Atmospheric Science (QI)
ATMOS 3200/GEOG 3280 Mountain Weather & Climate
***CHEM 1210/1215** General Chemistry & Lab I (SF)
***CMP 3200** Ecology of Human Settlements
CMP 4710 Intro to Transportation Planning
COMM 3115 Communicating Health, Science, Environment
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
ECON 3190 Health Economics
ECON 3250 Intro to Environmental & Natural Resource Economics (BF)
***ECON 5250** Environmental & Natural Resource Economics
ENGL 5080 Environmental Literature
***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
ENVST/SOC 3720 Environmental Health & Disparities
FCS/PSY 3620 Environmental Psych. & Sustainability
FCS 5630 Healthy Communities
FCS 5730 Community & Environmental Change
GEO 3300 The Water Planet (SF)
GEO 3800 The Oceans (SF)
***GEO 5350** Groundwater
***GEO 5470** Stable Isotope Biochemistry & Ecology

GEO1100 - Evolving Earth (3)

GEO2500 - Wasatch in the Field (3)

Geoscience Electives

Complete all of the following

Earned at least 6 credits from the following:

GEO1000 - Earth Science in the Cinema (3)

GEO1040 - The World of Dinosaurs (3)

GEO1050 - National Parks: Geology Behind the Scenery (3)

GEO1110 - Introduction to Earth Systems (3)

GEO1115 - Laboratory for Introduction to Earth Systems (1)

GEO2100 - Reactive Earth (3)

GEO 2100 is highly recommended as it is a prerequisite for many 3000+ level classes.

Upper Division Geoscience Electives

Earned at least 6 credits from GEO 3000 - 5999

Grand Total Credits: 18

ENVST AIR, WATER & HEALTH

WITH URBAN ECOLOGY MINOR

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy
POLS 5322 Environmental Policy
POLS 5510 Water Policy

Statistics Courses (select one)

***ATMOS 5040** Environmental Statistics (QI)
***COMM 3710** Intro to Quantitative Comm. Research (QI)
CMP 4010 Field Studies in Urban Ecology (QI)
***GEOG 3020** Geographic Analysis (QI, QB)
***POLS 5001** Quantitative Analysis in Political Science (QI)
SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
***GEOG 3/5270** Global Patterns of Life (CW, SF)
***HONOR 3200** Writing in a Research University (CW)
***MGT 3810** Business & Professional Communication (CW)
***WRTG 3014** Scientific Writing (CW)
WRTG 3420 Environmental Writing (CW, HF)
WRTG 4905 Studies in Professional Discourses (CW)

Methods Courses (select one)

ATMOS 5050 Environmental Instrumentation (2 cr)
CMP 4450 GIS for Urban Ecologists (QI)
***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)
POLS 3001 Political Analysis (QI, QB)
SOC 3111 Research Methods (CW)

ATMOS 3488 Human Ecology (BF, SF)

ATMOS 3000 Prof. Development in the Atmos. Sciences (1.5cr)

***ATMOS 3100** Atmospheric Chemistry & Air Pollution (IR)

***ATMOS 5000** Intro to Atmospheric Science (QI)

ATMOS 3200/GEOG 3280 Mountain Weather & Climate

***CHEM 1210/1215** General Chemistry & Lab I (SF)

***CMP 3200** Ecology of Human Settlements

CMP 4710 Intro to Transportation Planning

COMM 3115 Communicating Health, Science, Environment

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3190 Health Economics

ECON 3250 Intro to Environmental & Natural Resource Economics (BF)

***ECON 5250** Environmental & Natural Resource Economics

ENGL 5080 Environmental Literature

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

ENVST/SOC 3720 Environmental Health & Disparities

FCS/PSY 3620 Environmental Psych. & Sustainability

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEO 3300 The Water Planet (SF)

GEO 3800 The Oceans (SF)

***GEO 5350** Groundwater

***GEO 5470** Stable Isotope Biochemistry & Ecology

***GEOG 3200** Geomorphology: Mountains, Rivers, Deserts (SF)

GEOG 3215 Climate Change Impact, Adaptation & Mitigation

GEOG 3330 Urban Environmental Geography (SF)

Complete the following:

CMP2010 - Design Ecologies (3)

CMP3200 - Ecology of Human Settlements (3)

CMP4010 - Field Studies in Urban Ecology I (3)

CMP4600 - The Just City (3)

DES2630 - Design Contexts (3)

Elective Courses

Complete at least 1 of the following:

CMP3100 - Planning Theory and Practice (3)

CMP3101 - Honors People and Place I (3)

CMP3150 - City in Literature (3)

CMP3250 - Planning Process and Methods (3)

CMP3300 - Advanced Urban Ecology (3)

CMP3400 - Economy of Cities (3)

CMP4020 - Field Studies in Urban Ecology II (3)

CMP4030 - Leadership and Community Engagement (3)

CMP4260 - Land, Law & Culture (3)

CMP4280 - Ecological Planning Workshop (3)

CMP4390 - Natural Science for Sustainability in Built Environments (3)

CMP4380 - Green Communities (3)

CMP4400 - Salt Lake City Workshop (3)

CMP4410 - Site Planning (3)

CMP4420 - Negotiation & Dispute Resolution (3)

CMP4450 - GIS for Urban Ecologists (3)

CMP4460 - Green Infrastructure (3)

CMP4710 - Introduction to Transportation Planning (3)

CMP4720 - Land Use and Transportation Planning (3)

CMP4954 - Internship in Urban Ecology (3)

ENVST AIR, WATER & HEALTH

WITH HISTORY MINOR

Writing Courses (select one)

- ***COMM 4650** Environmental Reporting (CW)
- CMP 4260** Land, Law, & Culture (CW)
- ***GEOG 3/5270** Global Patterns of Life (CW, SF)
- ***HONOR 3200** Writing in a Research University (CW)
- ***MGT 3810** Business & Professional Communication (CW)
- ***WRTG 3014** Scientific Writing (CW)
- WRTG 3420** Environmental Writing (CW, HF)
- WRTG 4905** Studies in Professional Discourses (CW)

Methods Courses (select one)

- ATMOS 5050** Environmental Instrumentation (2 cr)
- ***CMP 4450** GIS for Urban Ecologists (QI)
- ***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)
- POLS 3001** Political Analysis (QI, QB)
- SOC 3111** Research Methods (CW)

To Be Completed in Your Last Year

- ***ENVST 4800** Environmental & Sustainability Studies Internship
- ***ENVST 5559** Capstone: Air, Water & Health

CAREER OUTLOOK

ECON 3250 Intro to Environmental & Natural Resource Economics (BF)

- ***ECON 5250** Environmental & Natural Resource Economics
- ENGL 5080** Environmental Literature
- ***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
- ENVST/GEOG 3368** Energy Choices for the 21st Century (SF)
- ENVST/SOC 3720** Environmental Health & Disparities
- FCS/PSY 3620** Environmental Psych. & Sustainability
- FCS 5630** Healthy Communities
- FCS 5730** Community & Environmental Change
- GEO 3300** The Water Planet (SF)
- GEO 3800** The Oceans (SF)
- ***GEO 5350** Groundwater
- ***GEO 5470** Stable Isotope Biochemistry & Ecology
- ***GEOG 3200** Geomorphology: Mountains, Rivers, Deserts (SF)
- GEOG 3215** Climate Change Impact, Adaptation & Mitigation
- GEOG 3330** Urban Environmental Geography (SF)
- GEOG 3385** Federal Land Management
- GEOG 5205** Regional & Global Climates
- GEOG 5275** Vegetation & Climate Change
- HIST 4380** US Environmental History
- HIST 4860** Environmental History of China
- ***HONOR 3245** Environmental Change
- ***MATH 1210** Calculus I (QR)
- PHIL 3310** Science & Society (HF)
- PHIL 3530** Environmental Ethics (HF)

Complete all of the following

Earned at least 6 credits from HIST 1000 - 2999

Earned at least 12 credits from HIST 3000 - 5999

Grand Total Credits: 18

ENVST AIR, WATER & HEALTH

WITH LEADERSHIP STUDIES MINOR

Writing Courses (select one)

- *COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, & Culture (CW)
- *GEOG 3/5270 Global Patterns of Life (CW, SF)
- *HONOR 3200 Writing in a Research University (CW)
- *MGT 3810 Business & Professional Communication (CW)
- *WRTG 3014 Scientific Writing (CW)
- WRTG 3420 Environmental Writing (CW, HF)
- WRTG 4905 Studies in Professional Discourses (CW)

Methods Courses (select one)

- ATMOS 5050 Environmental Instrumentation (2 cr)
- *CMP 4450 GIS for Urban Ecologists (QI)
- *GEOG 3100 Introduction to GIS & Cartography (QI)(5cr)
- POLS 3001 Political Analysis (QI, QB)
- SOC 3111 Research Methods (CW)

To Be Completed In Your Last Year

- *ENVST 4800 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

ECON 3250 Intro to Environmental & Natural Resource Economics (

- *ECON 5250 Environmental & Natural Resource Economics
- ENGL 5080 Environmental Literature
- *ENVST/GEOG 3390 Sustainable Streams & Riparian Zones
- ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
- ENVST/SOC 3720 Environmental Health & Disparities
- FCS/PSY 3620 Environmental Psych. & Sustainability
- FCS 5630 Healthy Communities
- FCS 5730 Community & Environmental Change
- GEO 3300 The Water Planet (SF)
- GEO 3800 The Oceans (SF)
- *GEO 5350 Groundwater
- *GEO 5470 Stable Isotope Biochemistry & Ecology
- *GEOG 3200 Geomorphology: Mountains, Rivers, Deserts (SF)
- GEOG 3215 Climate Change Impact, Adaptation & Mitigation
- GEOG 3330 Urban Environmental Geography (SF)
- GEOG 3385 Federal Land Management
- GEOG 5205 Regional & Global Climates
- GEOG 5275 Vegetation & Climate Change
- HIST 4380 US Environmental History
- HIST 4860 Environmental History of China
- *HONOR 3245 Environmental Change
- *MATH 1210 Calculus I (QR)
- PHIL 3310 Science & Society (HF)
- PHIL 3530 Environmental Ethics (HF)
- PHIL 5530 Environmental Philosophy (HF)
- *PHYS 2010/2015 General Physics & Lab I (SF)
- *PHYS 2210/2215 Physics for Scientists & Engineers & Lab I (SF)

MINOR REQUIREMENTS - 19 CREDIT HOURS

- Introductory Course: LDRSP 2020 - 3 credit hours
- Field Experience: LDRSP 4100- 4 credit hours
Prerequisite: LDRSP 2020
- Capstone Course: LDRSP 4750 - 3 credit hours
Prerequisite: LDRSP 2020 and LDRSP 4100
- Three elective courses - 9 credit hours

All students will take one course from each of the following elective course categories:

- [Ethical and Cultural Foundations](#)
- [Group, Organizational and Community Contexts](#)
- [Practical Skills, Instruments, and Processes](#)

ENVST FOOD SYSTEMS & COMMUNITY

WITH ANTHROPOLOGY MINOR

REQUIRED CLASSES

Pre-requisites for ENVST upper division courses

ENVST 2000 First Year Seminar (1cr)

ENVST 2050 Introduction to Environmental Science (SF)

ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

***ENVST 3364** Challenges to Global Sustainability (IR)

***ENVST 3365** Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***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)

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, and Culture (CW)

***GEOG 3400** Population Geography (CW)

***HONOR 3200** Writing in a Research University

***MGT 3810** Business and Professional Communication (CW)

***WRTG 3012** Writing in the Social Sciences (CW)

***WRTG 3014** Scientific Writing (CW)

***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

***CMP 4450** GIS for Urban Ecologists (QI)



Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ANTH 5340 Paleoethnobotany

***BIOL 1620/1625** Fundamental Principles of

***BIOL 3340** Intro to Plant Biology (AS)

***BIOL 3410** Ecology & Evolution

***BIOL 3450** Rainforest Ecology & Conservatio

BIOL 3470 Conservation Biology (AS)

***BIOL 5460** Plant Ecology in a Changing Worl

CHEM 1020 The Science of Food & Cooking (:

***CHEM 1210/1215** General Chemistry & Lab

CMP 2010 Design Ecologies (BF)

***CMP 3200** Ecology of Human Settlements

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Chang

ECON 3250 Intro to Environmental & Natural

ENGL 5080 Environmental Literature

***ENVST/GEOG 3390** Sustainable Streams & F

ENVST/SOC 3720 Environmental Health Disp

ENVST/GEOG 3368 Energy Choices for 21st C

FCS/PSY 3620 Environmental Psychology & S

FCS 5450 Nonprofit Community Organizatio

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Chan

GEOG 5275 Vegetation & Climate Change

H EDU 4180 Community-Based Prevention Pi

Complete all of the following

Lower Division

Complete at least 2 of the following:

ANTH1020 - Human Origins: Evolution and Diversity (3)

ANTH1030 - Prehistoric Archaeology (3)

ANTH1050 - The Evolution of Human Nature (3)

ANTH1010 - Culture and the Human Experience (3)

Electives

Complete all of the following

Earned at least 6 credits from ANTH

Earned at least 6 credits from ANTH 3000 - 5999

Grand Total Credits: 18

ENVST FOOD SYSTEMS & COMMUNITY

WITH GEOGRAPHY MINOR

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

*ENVST 3364 Challenges to Global Sustainability (IR)

*ENVST 3365 Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

*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)

*POLS 5001 Quantitative Analysis in Political Science (QI)

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

*COMM 4650 Environmental Reporting (CW)

CMP 4260 Land, Law, and Culture (CW)

*GEOG 3400 Population Geography (CW)

*HONOR 3200 Writing in a Research University

*MGT 3810 Business and Professional Communication (CW)

*WRTG 3012 Writing in the Social Sciences (CW)

*WRTG 3014 Scientific Writing (CW)

*WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

*ANTH 5234 Population Issues in Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

*CMP 4450 GIS for Urban Ecologists (QI)

FCS 3200 Research Methods in Family & Consumer Studies

*GEOG 3100 Introduction to GIS & Cartography (QI)(5cr)

POLS 3001 Political Analysis (QI, QB)

SOC 3111 Research Methods (CW)

To Be Completed in Your Last Year

*ENVST 4800 Environmental & Sustainability Studies Internship

*ENVST 5558 Capstone: Eating for Health, Justice & Sustainability



Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ANTH 5340 Paleoethnobotany

*BIOL 1620/1625 Fundamental Principles of Biology II

*BIOL 3340 Intro to Plant Biology (AS)

*BIOL 3410 Ecology & Evolution

*BIOL 3450 Rainforest Ecology & Conservation (IR, SF)

BIOL 3470 Conservation Biology (AS)

*BIOL 5460 Plant Ecology in a Changing World

CHEM 1020 The Science of Food & Cooking (SF)

*CHEM 1210/1215 General Chemistry & Lab I (SF)

CMP 2010 Design Ecologies (BF)

*CMP 3200 Ecology of Human Settlements

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Environmental & Natural Resource Economics

ENGL 5080 Environmental Literature

*ENVST/GEOG 3390 Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

ENVST/GEOG 3368 Energy Choices for 21st Century (SF)

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5450 Nonprofit Community Organizations

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEOG 5275 Vegetation & Climate Change

H EDU 4180 Community-Based Prevention Practices in Health Promotion & Education

*HONOR 3245 Environmental Change

NUIP 1020 Scientific Foundations of Human Nutr. & Health (AS)

NUIP 3220 Food Communication (BF)

NUIP 3620 Cultural Aspects of Food (IR)

PHIL 3310 Science & Society (HF)

PHIL 3530 Environmental Ethics (HF)

PHIL 5530 Environmental Philosophy (HF)

GEOGRAPHY MINOR

Required Courses

GEOG 1000 SF (3)

GEOG 1400 BF (3)

GEOG 3100 QI (5)

Elective Courses (>3000 LEVEL)

GEOG 3###

GEOG 3###

GEOG 3###



ENVST FOOD SYSTEMS & COMMUNITY

WITH GEOGRAPHIC INFORMATION SCIENCE (GIS) CERTIFICATE

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)
- ***POLS 5001** Quantitative Analysis in Political Science (QI)
- SOC 3112** Social Statistics (QI, QB)

Writing Courses (select one)

- ***COMM 4650** Environmental Reporting (CW)
- CMP 4260** Land, Law, and Culture (CW)
- ***GEOG 3400** Population Geography (CW)
- ***HONOR 3200** Writing in a Research University
- ***MGT 3810** Business and Professional Communication (CW)
- ***WRTG 3012** Writing in the Social Sciences (CW)
- ***WRTG 3014** Scientific Writing (CW)
- ***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

- ***ANTH 5234** Population Issues in Anthropology (QI, QB)
- BIOL 2355** Field Botany (2cr)
- ***CMP 4450** GIS for Urban Ecologists (QI)
- FCS 3200** Research Methods in Family & Consumer Studies
- ***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)
- POLS 3001** Political Analysis (QI, QB)
- SOC 3111** Research Methods (CW)

Program requirements

C or better in the following courses:

Course Number	Title	Credit Hours
GEOG 1180 OR COMP 1010	Introduction to Geo-Programming (S) OR Programming for All 1 (F/S)	3.0 3.0
GEOG 3100	Introduction to GIS and Cartography (F/S)	5.0
GEOG 4140	Advanced Methods in GIS (F/S)	4.0
GEOG 3170	Geospatial Field Methods: GPS and Drones (Fall Break)	3.0
GEOG 5940 OR GEOG 5150&5161	Internship in GIS OR Geospatial Big Data (F) AND Capstone in GIS (S)	3.0-5.0 4.0 & 3.0
Total Credit Hours		18-22

ENVST FOOD SYSTEMS & COMMUNITY

WITH POLITICAL SCIENCE MINOR

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***COMM 3710** Intro to Quantitative Comm. Research (QI)

CMP 4010 Research Methods in Urban Ecology (QI)

FCS 3210 Statistics in Family & Consumer Studies (QI, QB)

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

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, and Culture (CW)

***GEOG 3400** Population Geography (CW)

***HONOR 3200** Writing in a Research University

***MGT 3810** Business and Professional Communication (CW)

***WRTG 3012** Writing in the Social Sciences (CW)

***WRTG 3014** Scientific Writing (CW)

***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

***CMP 4450** GIS for Urban Ecologists (QI)

FCS 3200 Research Methods in Family & Consumer Studies

***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)

POLS 3001 Political Analysis (QI, QB)

SOC 3111 Research Methods (CW)

To Be Completed in Your Last Year

***ENVST 4800** Environmental & Sustainability Studies Internship

***ENVST 5558** Capstone: Eating for Health, Justice & Sustainability

ANTH 3486 Human Ecology (BF, SF)

ANTH 5340 Paleoethnobotany

***BIOL 1620/1625** Fundamental Principles of Biology II

***BIOL 3340** Intro to Plant Biology (AS)

***BIOL 3410** Ecology & Evolution

***BIOL 3450** Rainforest Ecology & Conservation (IR, SF)

BIOL 3470 Conservation Biology (AS)

***BIOL 5460** Plant Ecology in a Changing World

CHEM 1020 The Science of Food & Cooking (SF)

***CHEM 1210/1215** General Chemistry & Lab I (SF)

CMP 2010 Design Ecologies (BF)

***CMP 3200** Ecology of Human Settlements

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Environmental & Natural Resource Economics

ENGL 5080 Environmental Literature

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

ENVST/GEOG 3368 Energy Choices for 21st Century (SF)

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5450 Nonprofit Community Organizations

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEOG 5275 Vegetation & Climate Change

H EDU 4180 Community-Based Prevention Practices in Health Promotion & Education

***HONOR 3245** Environmental Change

NUIP 1020 Scientific Foundations of Human Nutr. & Health (AS)

NUIP 3220 Food Communication (BF)

NUIP 3620 Cultural Aspects of Food (IR)

PHIL 3310 Science & Society (HF)

PHIL 3530 Environmental Ethics (HF)

PHIL 5530 Environmental Philosophy (HF)

POLS 3026 Civic Engagement & Social Change

POLS 3320 Intro to Public Policy Analysis

POLS 5321 Health Policy

POLS 5540 Nonprofit Advocacy

PSY 2410 Eat, Work, Play, Sleep – Psychology of Everyday Life

Complete at least 2 of the following:

POLS1100 - U.S. National Government (3)

POLS2100 - Introduction to International Relations (3)

POLS2200 - Introduction to Comparative Politics (3)

POLS2300 - Introduction to Political Theory (3)

POLS2700 - Introduction to Public Administration (3)

Earned at least 12 credits from POLS 3000 – 5999

Grand Total Credits: 18

CAREER OUTLOOK

Urban farmer

Community organizing & development

ENVST FOOD SYSTEMS & COMMUNITY

WITH SOCIOLOGY MINOR

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)
- ***POLS 5001** Quantitative Analysis in Political Science (QI)
- SOC 3112** Social Statistics (QI, QB)

Writing Courses (select one)

- ***COMM 4650** Environmental Reporting (CW)
- CMP 4260** Land, Law, and Culture (CW)
- ***GEOG 3400** Population Geography (CW)
- ***HONOR 3200** Writing in a Research University
- ***MGT 3810** Business and Professional Communication (CW)
- ***WRTG 3012** Writing in the Social Sciences (CW)
- ***WRTG 3014** Scientific Writing (CW)
- ***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

- ***ANTH 5234** Population Issues in Anthropology (QI, QB)
- BIOL 2355** Field Botany (2cr)
- ***CMP 4450** GIS for Urban Ecologists (QI)
- FCS 3200** Research Methods in Family & Consumer Studies
- ***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)
- POLS 3001** Political Analysis (QI, QB)
- SOC 3111** Research Methods (CW)

To Be Completed in Your Last Year

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

CAREER OUTLOOK

- Urban farmer
- Community organizing & development
- State & city outreach & education
- Food entrepreneur

- ***BIOL 3410** Ecology & Evolution
- ***BIOL 3450** Rainforest Ecology & Conservation (IR, SF)
- BIOL 3470** Conservation Biology (AS)
- ***BIOL 5460** Plant Ecology in a Changing World
- CHEM 1020** The Science of Food & Cooking (SF)
- ***CHEM 1210/1215** General Chemistry & Lab I (SF)
- CMP 2010** Design Ecologies (BF)
- ***CMP 3200** Ecology of Human Settlements
- COMM 5360** Environmental Communication
- COMM 5365** Communicating Climate Change
- ECON 3250** Intro to Environmental & Natural Resource Economics
- ENGL 5080** Environmental Literature
- ***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
- ENVST/SOC 3720** Environmental Health Disparities
- ENVST/GEOG 3368** Energy Choices for 21st Century (SF)
- FCS/PSY 3620** Environmental Psychology & Sustainability
- FCS 5450** Nonprofit Community Organizations
- FCS 5630** Healthy Communities
- FCS 5730** Community & Environmental Change
- GEOG 5275** Vegetation & Climate Change
- H EDU 4180** Community-Based Prevention Practices in Health Promotion & Education
- ***HONOR 3245** Environmental Change
- NUIP 1020** Scientific Foundations of Human Nutr. & Health (AS)
- NUIP 3220** Food Communication (BF)
- NUIP 3620** Cultural Aspects of Food (IR)
- PHIL 3310** Science & Society (HF)
- PHIL 3530** Environmental Ethics (HF)
- PHIL 5530** Environmental Philosophy (HF)
- POLS 3026** Civic Engagement & Social Change
- POLS 3320** Intro to Public Policy Analysis
- POLS 5321** Health Policy
- POLS 5540** Nonprofit Advocacy
- PSY 2410** Eat, Work, Play, Sleep – Psychology of Everyday Life
- SOC 3480** Environmental Sociology (IR)
- SOC 3486** Global Environmental Crisis
- SOC 3650** Population & Society (QI, QB, IR)

Complete the following:

SOC1010 - Introduction to Sociology (3)

Complete at least 1 of the following:

SOC3111 - Research Methods (3)

SOC3140 - Introduction to Sociological Theory (3)

Earned at least 6 credits from **SOC 3000 - 5999**, excluding:

SOC3950 - Individual Research (1 - 3)

SOC3951 - Directed Reading (1 - 3)

ENVST FOOD SYSTEMS & COMMUNITY

WITH CONSUMER & COMMUNITY STUDIES
MINOR

Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ANTH 5340 Paleoethnobotany

***BIOL 1620/1625** Fundamental Principles of Biology II

***BIOL 3340** Intro to Plant Biology (AS)

***BIOL 3410** Ecology & Evolution

***BIOL 3450** Rainforest Ecology & Conservation (IR, SF)

BIOL 3470 Conservation Biology (AS)

***BIOL 5460** Plant Ecology in a Changing World

CHEM 1020 The Science of Food & Cooking (SF)

***CHEM 1210/1215** General Chemistry & Lab I (SF)

CMP 2010 Design Ecologies (BF)

***CMP 3200** Ecology of Human Settlements

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Environmental & Natural Resource Economics

ENGL 5080 Environmental Literature

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

ENVST/GEOG 3368 Energy Choices for 21st Century (SF)

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5450 Nonprofit Community Organizations

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEOG 5275 Vegetation & Climate Change

H EDU 4180 Community-Based Prevention Practices in Health Promotion & Education

***HONOR 3245** Environmental Change

NUHS 1020 Scientific Foundations of Human Nutr & Health (AS)

Complete all of the following

Consumer and Community Studies Core

Earned at least 6 credits from the following:

FCS3600 - Introduction to Consumer and Community Policy (3)

FCS3450 - Family Economic Issues Across the Life Course (3)

FCS3500 - Financial Skills for Life (3)

Consumer and Community Studies Electives

Earned at least 9 credits from the following:

FCS3010 - Introduction to FCS and Career Development (2)

FCS2180 - Family, School and Community Connections (3)

FCS3420 - Housing Policy and Issues (3)

FCS3430 - Family Advocacy and Policy (3)

FCS3450 - Family Economic Issues Across the Life Course (3)

FCS3500 - Financial Skills for Life (3)

FCS3510 - Tax Preparation Certification & Community Engagement (3)

FCS3620 - Environmental Psychology and Sustainability (3)

FCS3904 - Modes of Learning: Community Engaged Learning (1)

FCS4890 - CSBS Internship Program in Family & Consumer Studies (1 - 6)

FCS5200 - Families and Social Policy (3)

FCS5282 - Conflict and Mediation (3)

FCS5430 - Families, Consumers, and Health (3)

FCS5450 - Nonprofit Community Organizations (3)

FCS5510 - Building Family Wealth: Investment and Life Insurance Planning (3)

FCS5520 - Retirement and Benefits Planning for Families (3)

FCS5530 - Income Tax Planning for Families (3)

FCS5540 - Protecting Family Wealth: Insurance and Estate Planning (3)

FCS5550 - Family Financial Planning Capstone (3)

FCS5630 - Healthy Communities (3)

FCS5700 - Analyzing Community Growth: An Evidence-based Approach (3)

FCS5730 - Community and Environmental Change (3)

FCS5800 - Optimal Human Development and Social Policy (3)

FCS5950 - Undergraduate Research (1 - 4)

FCS5964 - Special Topics in Consumer Studies and Family Economics (1 - 5)

ENVST FOOD SYSTEMS & COMMUNITY

WITH NUTRITION MINOR

Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ANTH 5340 Paleoethnobotany

***BIOL 1620/1625** Fundamental Principles of Biology II

***BIOL 3340** Intro to Plant Biology (AS)

***BIOL 3410** Ecology & Evolution

***BIOL 3450** Rainforest Ecology & Conservation (IR, SF)

BIOL 3470 Conservation Biology (AS)

***BIOL 5460** Plant Ecology in a Changing World

CHEM 1020 The Science of Food & Cooking (SF)

***CHEM 1210/1215** General Chemistry & Lab I (SF)

CMP 2010 Design Ecologies (BF)

***CMP 3200** Ecology of Human Settlements

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Environmental & Natural Resource Economics

ENGL 5080 Environmental Literature

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

ENVST/GEOG 3368 Energy Choices for 21st Century (SF)

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5450 Nonprofit Community Organizations

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEOG 5275 Vegetation & Climate Change

H EDU 4180 Community-Based Prevention Practices in Health Promotion & Education

***HONOR 3245** Environmental Change

NUIP 1020 Scientific Foundations of Human Nutr. & Health (AS)

NUIP 3220 Food Communication (BF)

NUIP 3620 Cultural Aspects of Food (IR)

NUIP 3340 Intro to Plant Biology (AS)

Complete all of the following

Biology Requirement

Complete the following:

BIOL1610 - Fundamental Principles of Biology I: Cells, Genetics, and Biochemistry (4)

Core Courses

Complete the following:

NUIP1020 - Scientific Foundations of Human Nutrition and Health (3)

NUIP4440 - Advanced Human Nutrition (4)

Electives

Earned at least 9 credits from the following:

NUIP3620 - Cultural Aspects of Food (3)

NUIP3850 - Selected Topics (1 - 5)

NUIP5100 - Advanced Pediatric and Adolescent Nutrition (3)

NUIP5300 - Maximizing Human Performance (3)

NUIP5320 - Nutrition for Exercise and Sport (3)

NUIP5360 - Methods in Weight Management (3)

NUIP5420 - Applied Nutrition Through the Lifecycle (3)

NUIP6440 - Metabolism of Macronutrients (4)

H EDU3350 - Understanding Eating Disorders and Body Image (3)

ENVST FOOD SYSTEMS & COMMUNITY

WITH URBAN ECOLOGY MINOR

REQUIRED CLASSES

Pre-requisites for ENVST upper division courses

ENVST 2000 First Year Seminar (1cr)

ENVST 2050 Introduction to Environmental Science (SF)

ENVST 2100 Introduction to Environmental & Sustainability Studies (BF)

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

***ENVST 3364** Challenges to Global Sustainability (IR)

***ENVST 3365** Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***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)

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, and Culture (CW)

***GEOG 3400** Population Geography (CW)

***HONOR 3200** Writing in a Research University

***MGT 3810** Business and Professional Communication (CW)

***WRTG 3012** Writing in the Social Sciences (CW)

***WRTG 3014** Scientific Writing (CW)

***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

***CMP 4450** GIS for Urban Ecologists (QI)

FCS 3200 Research Methods in Family & Consumer Studies

***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)

POLS 3001 Political Analysis (QI, QB)

SOC 3111 Research Methods (CW)



Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ANTH 5340 Paleoethnobotany

***BIOL 1620/1625** Fundamental Principles of Biology II

***BIOL 3340** Intro to Plant Biology (AS)

***BIOL 3410** Ecology & Evolution

***BIOL 3450** Rainforest Ecology & Conservation (IR, SF)

BIOL 3470 Conservation Biology (AS)

***BIOL 5460** Plant Ecology in a Changing World

CHEM 1020 The Science of Food & Cooking (SF)

***CHEM 1210/1215** General Chemistry & Lab I (SF)

CMP 2010 Design Ecologies (BF)

***CMP 3200** Ecology of Human Settlements

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Environmental & Natural Resource Economics

ENGL 5080 Environmental Literature

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

ENVST/GEOG 3368 Energy Choices for 21st Century (SF)

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5450 Nonprofit Community Organizations

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEOG 5275 Vegetation & Climate Change

H EDU 4180 Community-Based Prevention Practices in Health Promotion & Education

***HONOR 3245** Environmental Change

NUIP 1020 Scientific Foundations of Human Nutr. & Health (AS)

NUIP 3220 Food Communication (BF)

NUIP 3620 Cultural Aspects of Food (IR)

Complete the following:

CMP2010 - Design Ecologies (3)

CMP3200 - Ecology of Human Settlements (3)

CMP4010 - Field Studies in Urban Ecology I (3)

CMP4600 - The Just City (3)

DES2630 - Design Contexts (3)

Elective Courses

Complete at least 1 of the following:

CMP3100 - Planning Theory and Practice (3)

CMP3101 - Honors People and Place I (3)

CMP3150 - City in Literature (3)

CMP3250 - Planning Process and Methods (3)

CMP3300 - Advanced Urban Ecology (3)

CMP3400 - Economy of Cities (3)

CMP4020 - Field Studies in Urban Ecology II (3)

CMP4030 - Leadership and Community Engagement (3)

CMP4260 - Land, Law & Culture (3)

CMP4280 - Ecological Planning Workshop (3)

CMP4390 - Natural Science for Sustainability in Built Environments (3)

CMP4380 - Green Communities (3)

CMP4400 - Salt Lake City Workshop (3)

CMP4410 - Site Planning (3)

CMP4420 - Negotiation & Dispute Resolution (3)

CMP4450 - GIS for Urban Ecologists (3)

CMP4460 - Green Infrastructure (3)

CMP4710 - Introduction to Transportation Planning (3)

CMP4720 - Land Use and Transportation Planning (3)

CMP4954 - Internship in Urban Ecology (3)

ENVST FOOD SYSTEMS & COMMUNITY

WITH LEADERSHIP STUDIES MINOR

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***COMM 3710** Intro to Quantitative Comm. Research (QI)

CMP 4010 Research Methods in Urban Ecology (QI)

FCS 3210 Statistics in Family & Consumer Studies (QI, QB)

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

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, and Culture (CW)

***GEOG 3400** Population Geography (CW)

***HONOR 3200** Writing in a Research University

***MGT 3810** Business and Professional Communication (CW)

***WRTG 3012** Writing in the Social Sciences (CW)

***WRTG 3014** Scientific Writing (CW)

***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

***CMP 4450** GIS for Urban Ecologists (QI)

FCS 3200 Research Methods in Family & Consumer Studies

***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)

POLS 3001 Political Analysis (QI, QB)

SOC 3111 Research Methods (CW)

To Be Completed In Your Last Year

***ENVST 4800** Environmental & Sustainability Studies Internship

***ENVST 5558** Capstone: Eating for Health, Justice & Sustainability

ANTH 3486 Human Ecology (BF, SF)

ANTH 5340 Paleoethnobotany

***BIOL 1620/1625** Fundamental Principles of Biology II

***BIOL 3340** Intro to Plant Biology (AS)

***BIOL 3410** Ecology & Evolution

***BIOL 3450** Rainforest Ecology & Conservation (IR, SF)

BIOL 3470 Conservation Biology (AS)

***BIOL 5460** Plant Ecology in a Changing World

CHEM 1020 The Science of Food & Cooking (SF)

***CHEM 1210/1215** General Chemistry & Lab I (SF)

CMP 2010 Design Ecologies (BF)

***CMP 3200** Ecology of Human Settlements

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Environmental & Natural Resource Economics

ENGL 5080 Environmental Literature

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

ENVST/GEOG 3368 Energy Choices for 21st Century (SF)

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5450 Nonprofit Community Organizations

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEOG 5275 Vegetation & Climate Change

H EDU 4180 Community-Based Prevention Practices in Health Promotion & Education

***HONOR 3245** Environmental Change

NUIP 1020 Scientific Foundations of Human Nutr. & Health (AS)

NUIP 3220 Food Communication (BF)

NUIP 3620 Cultural Aspects of Food (IR)

PHIL 3310 Science & Society (HF)

PHIL 3530 Environmental Ethics (HF)

PHIL 5530 Environmental Philosophy (HF)

POLS 3026 Civic Engagement & Social Change

MINOR REQUIREMENTS - 19 CREDIT HOURS

- Introductory Course: LDRSP 2020 - 3 credit hours
- Field Experience: LDRSP 4100- 4 credit hours
Prerequisite: LDRSP 2020
- Capstone Course: LDRSP 4750 - 3 credit hours
Prerequisite: LDRSP 2020 and LDRSP 4100
- Three elective courses - 9 credit hours

All students will take one course from each of the following elective course categories:

- [Ethical and Cultural Foundations](#)
- [Group, Organizational and Community Contexts](#)
- [Practical Skills, Instruments, and Processes](#)

ENVST FOOD SYSTEMS & COMMUNITY

WITH GLOBAL CITIZENSHIP MINOR

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

*ENVST 3364 Challenges to Global Sustainability (IR)

*ENVST 3365 Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

*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)

*POLS 5001 Quantitative Analysis in Political Science (QI)

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

*COMM 4650 Environmental Reporting (CW)

CMP 4260 Land, Law, and Culture (CW)

*GEOG 3400 Population Geography (CW)

*HONOR 3200 Writing in a Research University

*MGT 3810 Business and Professional Communication (CW)

*WRTG 3012 Writing in the Social Sciences (CW)

*WRTG 3014 Scientific Writing (CW)

*WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

*ANTH 5234 Population Issues in Anthropology (QI, QB)

BIOL 2355 Field Botany (2cr)

*CMP 4450 GIS for Urban Ecologists (QI)

FCS 3200 Research Methods in Family & Consumer Studies

*GEOG 3100 Introduction to GIS & Cartography (QI)(5cr)

POLS 3001 Political Analysis (QI, QB)

SOC 3111 Research Methods (CW)

To Be Completed in Your Last Year

*ENVST 4800 Environmental & Sustainability Studies Internship

*ENVST 5558 Capstone: Eating for Health, Justice & Sustainability



Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ANTH 5340 Paleoethnobotany

*BIOL 1620/1625 Fundamental Principles of Biology II

*BIOL 3340 Intro to Plant Biology (AS)

*BIOL 3410 Ecology & Evolution

*BIOL 3450 Rainforest Ecology & Conservation (IR, SF)

BIOL 3470 Conservation Biology (AS)

*BIOL 5460 Plant Ecology in a Changing World

CHEM 1020 The Science of Food & Cooking (SF)

*CHEM 1210/1215 General Chemistry & Lab I (SF)

CMP 2010 Design Ecologies (BF)

*CMP 3200 Ecology of Human Settlements

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

ECON 3250 Intro to Environmental & Natural Resource Econom

ENGL 5080 Environmental Literature

*ENVST/GEOG 3390 Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

ENVST/GEOG 3368 Energy Choices for 21st Century (SF)

FCS/PSY 3620 Environmental Psychology & Sustainability

FCS 5450 Nonprofit Community Organizations

FCS 5630 Healthy Communities

FCS 5730 Community & Environmental Change

GEOG 5275 Vegetation & Climate Change

H EDU 4180 Community-Based Prevention Practices in Health Promotion & Education

*HONOR 3245 Environmental Change

NUIP 1020 Scientific Foundations of Human Nutr. & Health (AS)

NUIP 3220 Food Communication (BF)

NUIP 3620 Cultural Aspects of Food (IR)

PHIL 3310 Science & Society (HF)

PHIL 3530 Environmental Ethics (HF)

PHIL 5530 Environmental Philosophy (HF)

POLS 3026 Civic Engagement & Social Change

POLS 3320 Intro to Public Policy Analysis

POLS 5321 Health Policy

POLS 5540 Nonprofit Advocacy

PSY 2410 Eat, Work, Play, Sleep – Psychology of Everyday Life

SOC 3480 Environmental Sociology (IR)

SOC 3486 Global Environmental Crisis

SOC 3650 Population & Society (QI, QB, IR)

Minor Requirements: 18-20 credits

- **Required Core (choose one)**
 - UGS 2230: Global Citizenship
(course no longer by UGS--please speak with an advisor)
 - UGS 2235: Global Citizenship
(course no longer by UGS--please speak with an advisor)
- **Elective Courses**
 - Complete 9 credits of electives, with no more than two courses coming from a single track (FF, HF, AS, SF, BF, DV, IR, CW, QI). see the [approved courses](#).
- **Language Requirement Core**
 - Complete two language courses at any level: 8 credits of lower-division language OR 6 credits of upper-division language.

Notes: The credit/no credit grading option is not available for students in the minor.

Grade Requirements: All major courses must be taken for a minimum letter grade of C or better.

CAREER OUTLOOK

Urban farmer

Community organizing & development

State & city outreach & education

Food entrepreneur

ENVST ECOJUSTICE EDUCATION

WITH ANTHROPOLOGY MINOR

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

***ENVST 3364** Challenges to Global Sustainability (IR)

***ENVST 3365** Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***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)

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

***GEOG 3400** Population Geography (CW)

***GNDR 3100** Environmental Writing (CW and HF)

***HONOR 3200** Writing in a Research University (CW)

***MGT 3810** Business and Professional Communication (CW)

***WRTG 3012** Writing in the Social Sciences (CW)

***WRTG 3014** Scientific Writing (CW)

***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)

***CMP 4450** GIS for Urban Ecologists (QI)



Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ANTH 3145 Human Migration & Social Change (IR)

BIOL 3470 Conservation Biology (AS)

COMM 3115 Communicating Health, Science, Environment

COMM 3290 Native American Activism (DV)

COMM 3030 Community & Social Responsibility (CW, HF)

COMM 4360 Consuming the Earth

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

COMM 5490 Communication & Social Justice

CMP 2010 Design Ecologies (BF)

ECON 3250 Intro to Environmental & Natural Resource Economics

ECON/GNDR 5560 Gender & Econ. Development in 3rd World

ENGL 5080 Environmental Literature

ENGL 5930 Theories of Race, Ethnicity, Nation

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

FCS/PSY 3620 Environment & Behavior

FCS 5450 Nonprofit Community Organizations

FCS 5730 Community & Environmental Change

FILM 3520 Documentary & Social Justice (FF)

GNDR 1100 Gender & Social Change (BF, DV)

***GNDR 5080** Gender, Power and Freedom

HIST 4380 Environmental History (HF)

***HONOR 3245** Environmental Change

Complete all of the following

Lower Division

Complete at least 2 of the following:

ANTH1020 - Human Origins: Evolution and Diversity (3)

ANTH1030 - Prehistoric Archaeology (3)

ANTH1050 - The Evolution of Human Nature (3)

ANTH1010 - Culture and the Human Experience (3)

Electives

Complete all of the following

Earned at least 6 credits from ANTH

Earned at least 6 credits from ANTH 3000 - 5999

Grand Total Credits: 18

ENVST ECOJUSTICE EDUCATION

WITH GEOGRAPHY MINOR

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy
POLS 5322 Environmental Policy
POLS 5510 Water Policy

Statistics Courses (select one)

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

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
***GEOG 3400** Population Geography (CW)
***GNDR 3100** Environmental Writing (CW and HF)
***HONOR 3200** Writing in a Research University (CW)
***MGT 3810** Business and Professional Communication (CW)
***WRTG 3012** Writing in the Social Sciences (CW)
***WRTG 3014** Scientific Writing (CW)
***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)
***CMP 4450** GIS for Urban Ecologists (QI)
***COMM 4570** Visual Editing
FCS 3200 Research Methods in Family and Consumer Studies
***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)
POLS 3001 Political Analysis (QI, QB)
SOC 3111 Research Methods (CW)

Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)
ANTH 3145 Human Migration & Social Change (IR)
BIOL 3470 Conservation Biology (AS)
COMM 3115 Communicating Health, Science, Environment
COMM 3290 Native American Activism (DV)
COMM 3030 Community & Social Responsibility (CW, HF)
COMM 4360 Consuming the Earth
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
COMM 5490 Communication & Social Justice
CMP 2010 Design Ecologies (BF)
ECON 3250 Intro to Environmental & Natural Resource Economics
ECON/GNDR 5560 Gender & Econ. Development in 3rd World
ENGL 5080 Environmental Literature
ENGL 5930 Theories of Race, Ethnicity, Nation
***ENVST/GEOG 3368** Energy Choices for the 21st Century (SF)
***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
ENVST/SOC 3720 Environmental Health Disparities
FCS/PSY 3620 Environment & Behavior
FCS 5450 Nonprofit Community Organizations
FCS 5730 Community & Environmental Change
FILM 3520 Documentary & Social Justice (FF)
GNDR 1100 Gender & Social Change (BF, DV)
***GNDR 5080** Gender, Power and Freedom
HIST 4380 Environmental History (HF)
***HONOR 3245** Environmental Change
PHIL 3310 Science & Society (HF)
PHIL 3530 Environmental Ethics (HF)
PHIL 3730 Justice & International Affairs (IR)
PHIL 5530 Environmental Philosophy (HF)
POLS 5540 Nonprofit Advocacy

GEOGRAPHY MINOR

Required Courses

GEOG 1000 SF (3)

GEOG 1400 BF (3)

GEOG 3100 QI (5)

Elective Courses (>3000 LEVEL)

GEOG 3###

GEOG 3###

GEOG 3###



ENVST ECOJUSTICE EDUCATION

WITH GEOGRAPHIC INFORMATION SCIENCE
(GIS) CERTIFICATE

Writing Courses (select one)

- ***COMM 4650** Environmental Reporting (CW)
- CMP 4260** Land, Law, & Culture (CW)
- ***GEOG 3400** Population Geography (CW)
- ***GNDR 3100** Environmental Writing (CW and HF)
- ***HONOR 3200** Writing in a Research University (CW)
- ***MGT 3810** Business and Professional Communication (CW)
- ***WRTG 3012** Writing in the Social Sciences (CW)
- ***WRTG 3014** Scientific Writing (CW)
- ***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

- ***ANTH 5234** Population Issues in Anthropology (QI, QB)
- ***CMP 4450** GIS for Urban Ecologists (QI)
- ***COMM 4570** Visual Editing
- FCS 3200** Research Methods in Family and Consumer Studies
- ***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)
- POLS 3001** Political Analysis (QI, QB)
- SOC 3111** Research Methods (CW)

To Be Completed in Your Last Year

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

Program requirements

C or better in the following courses:

Course Number	Title	Credit Hours
GEOG 1180 OR COMP 1010	Introduction to Geo-Programming (S) OR Programming for All 1 (F/S)	3.0 3.0
GEOG 3100	Introduction to GIS and Cartography (F/S)	5.0
GEOG 4140	Advanced Methods in GIS (F/S)	4.0
GEOG 3170	Geospatial Field Methods: GPS and Drones (Fall Break)	3.0
GEOG 5940 OR GEOG 5150&5161	Internship in GIS OR Geospatial Big Data (F) AND Capstone in GIS (S)	3.0-5.0 4.0 & 3.0
Total Credit Hours		18-22

ENVST ECOJUSTICE EDUCATION

WITH POLITICAL SCIENCE MINOR



ENVST upper division courses

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

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy
POLS 5322 Environmental Policy
POLS 5510 Water Policy

Statistics Courses (select one)

***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)
***POLS 5001** Quantitative Analysis in Political Science (QI)
SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
***GEOG 3400** Population Geography (CW)
***GNDR 3100** Environmental Writing (CW and HF)
***HONOR 3200** Writing in a Research University (CW)
***MGT 3810** Business and Professional Communication (CW)
***WRTG 3012** Writing in the Social Sciences (CW)
***WRTG 3014** Scientific Writing (CW)
***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)
***CMP 4450** GIS for Urban Ecologists (QI)
***COMM 4570** Visual Editing
FCS 3200 Research Methods in Family and Consumer Studies
***GEOG 3100** Introduction to GIS & Cartography (QI)(Scr)
POLS 3001 Political Analysis (QI, QB)
SOC 3111 Research Methods (CW)

To Be Completed In Your Last Year

***ENVST 4800** Environmental & Sustainability Studies Internship

Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)
ANTH 3145 Human Migration & Social Change (IR)
BIOL 3470 Conservation Biology (AS)
COMM 3115 Communicating Health, Science, Environment
COMM 3290 Native American Activism (DV)
COMM 3030 Community & Social Responsibility (CW, HF)
COMM 4360 Consuming the Earth
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
COMM 5490 Communication & Social Justice
CMP 2010 Design Ecologies (BF)
ECON 3250 Intro to Environmental & Natural Resource Economics
ECON/GNDR 5560 Gender & Econ. Development in 3rd World
ENGL 5080 Environmental Literature
ENGL 5930 Theories of Race, Ethnicity, Nation
ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
ENVST/SOC 3720 Environmental Health Disparities
FCS/PSY 3620 Environment & Behavior
FCS 5450 Nonprofit Community Organizations
FCS 5730 Community & Environmental Change
FILM 3520 Documentary & Social Justice (FF)
GNDR 1100 Gender & Social Change (BF, DV)
***GNDR 5080** Gender, Power and Freedom
HIST 4380 Environmental History (HF)
***HONOR 3245** Environmental Change
PHIL 3310 Science & Society (HF)
PHIL 3530 Environmental Ethics (HF)
PHIL 3730 Justice & International Affairs (IR)
PHIL 5530 Environmental Philosophy (HF)
POLS 5540 Nonprofit Advocacy
***POLS 5625** International Ethics
***PPT 5735** Youth Development

Complete at least 2 of the following:

POLS1100 - U.S. National Government (3)

POLS2100 - Introduction to International Relations (3)

POLS2200 - Introduction to Comparative Politics (3)

POLS2300 - Introduction to Political Theory (3)

POLS2700 - Introduction to Public Administration (3)

Earned at least 12 credits from POLS 3000 - 5999

Grand Total Credits: 18

ENVST ECOJUSTICE EDUCATION

WITH ECONOMICS MINOR

Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ANTH 3145 Human Migration & Social Change (IR)

BIOL 3470 Conservation Biology (AS)

COMM 3115 Communicating Health, Science, Environment

COMM 3290 Native American Activism (DV)

COMM 3030 Community & Social Responsibility (CW, HF)

COMM 4360 Consuming the Earth

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

COMM 5490 Communication & Social Justice

CMP 2010 Design Ecologies (BF)

ECON 3250 Intro to Environmental & Natural Resource Economics

ECON/GNDR 5560 Gender & Econ. Development in 3rd World

ENGL 5080 Environmental Literature

ENGL 5930 Theories of Race, Ethnicity, Nation

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

Complete the following:

ECON2010 - Principles of Microeconomics (3)

ECON2020 - Principles of Macroeconomics (3)

History, Theory, Thought

Complete at least 1 of the following:

ECON4010 - Intermediate Microeconomic Analysis (3)

ECON4020 - Intermediate Macroeconomic Analysis (3)

ECON5050 - Keynes' Economics (3)

ECON5060 - History of Economic Doctrines (3)

ECON5080 - Marxian Economics (3)

ECON5400 - Middle East Economic History (3)

ECON5410 - Survey of European Economic History (3)

ECON5420 - China and the Global Economy (3)

ECON5430 - Asian Economic History and Development (3)

ECON5460 - Latin American Economic History and Development (3)

ECON5470 - Industrialization and Economic Development: The American Case (3)

Electives

Earned at least 9 credits from ECON 3000 - 5999, excluding:

ECON3620 - Mathematics for Economists (3)

ECON3640 - Probability and Statistical Inference for Economists (3)

ECON3905 - Modes of Learning: Writing & Communication in Econ (1)

Grand Total Credits: 18

ENVST ECOJUSTICE EDUCATION

WITH SOCIOLOGY MINOR

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)
- *POLS 5001 Quantitative Analysis in Political Science (QI)
- SOC 3112 Social Statistics (QI, QB)**

Writing Courses (select one)

- *COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, & Culture (CW)
- *GEOG 3400 Population Geography (CW)
- *GNDR 3100 Environmental Writing (CW and HF)
- *HONOR 3200 Writing in a Research University (CW)
- *MGT 3810 Business and Professional Communication (CW)
- *WRTG 3012 Writing in the Social Sciences (CW)
- *WRTG 3014 Scientific Writing (CW)
- *WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

- *ANTH 5234 Population Issues in Anthropology (QI, QB)
- *CMP 4450 GIS for Urban Ecologists (QI)
- *COMM 4570 Visual Editing
- FCS 3200 Research Methods in Family and Consumer Studies
- *GEOG 3100 Introduction to GIS & Cartography (QI)(5cr)
- POLS 3001 Political Analysis (QI, QB)
- SOC 3111 Research Methods (CW)**

To Be Completed in Your Last Year

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

CAREER OUTLOOK

- COMM 3290 Native American Activism (DV)
- COMM 3030 Community & Social Responsibility (CW, HF)
- COMM 4360 Consuming the Earth
- COMM 5360 Environmental Communication
- COMM 5365 Communicating Climate Change
- COMM 5490 Communication & Social Justice
- CMP 2010 Design Ecologies (BF)
- ECON 3250 Intro to Environmental & Natural Resource Economics
- ECON/GNDR 5560 Gender & Econ. Development in 3rd World
- ENGL 5080 Environmental Literature
- ENGL 5930 Theories of Race, Ethnicity, Nation
- ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
- *ENVST/GEOG 3390 Sustainable Streams & Riparian Zones
- ENVST/SOC 3720 Environmental Health Disparities
- FCS/PSY 3620 Environment & Behavior
- FCS 5450 Nonprofit Community Organizations
- FCS 5730 Community & Environmental Change
- FILM 3520 Documentary & Social Justice (FF)
- GNDR 1100 Gender & Social Change (BF, DV)
- *GNDR 5080 Gender, Power and Freedom
- HIST 4380 Environmental History (HF)
- *HONOR 3245 Environmental Change
- PHIL 3310 Science & Society (HF)
- PHIL 3530 Environmental Ethics (HF)
- PHIL 3730 Justice & International Affairs (IR)
- PHIL 5530 Environmental Philosophy (HF)
- POLS 5540 Nonprofit Advocacy
- *POLS 5625 International Ethics
- *PRT 5735 Youth Development
- SOC 3422 Social Movements**
- SOC 3480 Environmental Sociology (IR)**
- SOC 3486 Global Environmental Crisis**
- THEA 4630 Theatre for Social Action

Complete the following:

SOC1010 - Introduction to Sociology (3)

Complete at least 1 of the following:

SOC3111 - Research Methods (3)

SOC3140 - Introduction to Sociological Theory (3)

Earned at least 6 credits from SOC 3000 - 5999, excluding:

SOC3950 - Individual Research (1 - 3)

SOC3951 - Directed Reading (1 - 3)

ENVST ECOJUSTICE EDUCATION

WITH CONSUMER & COMMUNITY STUDIES MINOR

Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)
ANTH 3145 Human Migration & Social Change (IR)
BIOL 3470 Conservation Biology (AS)
COMM 3115 Communicating Health, Science, Environment
COMM 3290 Native American Activism (DV)
COMM 3030 Community & Social Responsibility (CW, HF)
COMM 4360 Consuming the Earth
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
COMM 5490 Communication & Social Justice
CMP 2010 Design Ecologies (BF)
ECON 3250 Intro to Environmental & Natural Resource Economics
ECON/GNDR 5560 Gender & Econ. Development in 3rd World
ENGL 5080 Environmental Literature
ENGL 5930 Theories of Race, Ethnicity, Nation
ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
ENVST/SOC 3720 Environmental Health Disparities
FCS/PSY 3620 Environment & Behavior
FCS 5450 Nonprofit Community Organizations
FCS 5730 Community & Environmental Change
FILM 3520 Documentary & Social Justice (FF)

Complete all of the following

Consumer and Community Studies Core

Earned at least 6 credits from the following:

- FCS3600** - Introduction to Consumer and Community Policy (3)
- FCS3450** - Family Economic Issues Across the Life Course (3)
- FCS3500** - Financial Skills for Life (3)

Consumer and Community Studies Electives

Earned at least 9 credits from the following:

- FCS3010** - Introduction to FCS and Career Development (2)
- FCS2180** - Family, School and Community Connections (3)
- FCS3420** - Housing Policy and Issues (3)
- FCS3430** - Family Advocacy and Policy (3)
- FCS3450** - Family Economic Issues Across the Life Course (3)
- FCS3500** - Financial Skills for Life (3)
- FCS3510** - Tax Preparation Certification & Community Engagement (3)
- FCS3620** - Environmental Psychology and Sustainability (3)
- FCS3904** - Modes of Learning: Community Engaged Learning (1)
- FCS4890** - CSBS Internship Program in Family & Consumer Studies (1 - 6)
- FCS5200** - Families and Social Policy (3)
- FCS5282** - Conflict and Mediation (3)
- FCS5430** - Families, Consumers, and Health (3)
- FCS5450** - Nonprofit Community Organizations (3)
- FCS5510** - Building Family Wealth: Investment and Life Insurance Planning (3)
- FCS5520** - Retirement and Benefits Planning for Families (3)
- FCS5530** - Income Tax Planning for Families (3)
- FCS5540** - Protecting Family Wealth: Insurance and Estate Planning (3)
- FCS5550** - Family Financial Planning Capstone (3)
- FCS5630** - Healthy Communities (3)
- FCS5700** - Analyzing Community Growth: An Evidence-based Approach (3)
- FCS5730** - Community and Environmental Change (3)
- FCS5800** - Optimal Human Development and Social Policy (3)
- FCS5950** - Undergraduate Research (1 - 4)
- FCS5964** - Special Topics in Consumer Studies and Family Economics (1 - 5)

ENVST ECOJUSTICE EDUCATION

WITH GENDER STUDIES MINOR

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy
POLS 5322 Environmental Policy
POLS 5510 Water Policy

Statistics Courses (select one)

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

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)
CMP 4260 Land, Law, & Culture (CW)
***GEOG 3400** Population Geography (CW)
***GNDR 3100** Medusa & Manifestos (CW)
***HONOR 3200** Writing in a Research University (CW)
***MGT 3810** Business and Professional Communication (CW)
***WRTG 3012** Writing in the Social Sciences (CW)
***WRTG 3014** Scientific Writing (CW)
***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)
***CMP 4450** GIS for Urban Ecologists (QI)
***COMM 4570** Visual Editing
FCS 3200 Research Methods in Family and Consumer Studies
***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)
POLS 3001 Political Analysis (QI, QB)
SOC 3111 Research Methods (CW)

ANTH 3486 Human Ecology (BF, SF)
ANTH 3145 Human Migration & Social Change (IR)
BIOL 3470 Conservation Biology (AS)
COMM 3115 Communicating Health, Science, Environment
COMM 3290 Native American Activism (DV)
COMM 3030 Community & Social Responsibility (CW, HF)
COMM 4360 Consuming the Earth
COMM 5360 Environmental Communication
COMM 5365 Communicating Climate Change
COMM 5490 Communication & Social Justice
CMP 2010 Design Ecologies (BF)
ECON 3250 Intro to Environmental & Natural Resource Economics
ECON/GNDR 5560 Gender & Econ. Development in 3rd World
ENGL 5080 Environmental Literature
ENGL 5930 Theories of Race, Ethnicity, Nation
ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)
***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones
ENVST/SOC 3720 Environmental Health Disparities
FCS/PSY 3620 Environment & Behavior
FCS 5450 Nonprofit Community Organizations
FCS 5730 Community & Environmental Change
FILM 3520 Documentary & Social Justice (FF)
GNDR 1100 Gender & Social Change (BF, DV)
***GNDR 5080** Gender, Power and Freedom
HIST 4380 Environmental History (HF)
***HONOR 3245** Environmental Change
PHIL 3310 Science & Society (HF)
PHIL 3530 Environmental Ethics (HF)
PHIL 3730 Justice & International Affairs (IR)
PHIL 5530 Environmental Philosophy (HF)

Introductory Courses (complete one):

- **GNDR 1100: Gender and Social Change (3) (DVBF)**
- **GNDR 2500: Here I Stand: An Intro to Gender Studies (3) (DV)**
- **GNDR 3690: Gender and Contemporary Issues (3)(DVBF/HF)**

Intermediate Courses (complete two):

- **GNDR 3100: Medusa and Manifestos: Identity and Protest in the Information Age (3) (CW)**
- **GNDR 3900: Introduction to Feminist Theories (3)**

Advanced Courses (complete two):

▼ Electives

Complete Two Courses

6 credits

See catalog for full course list

ENVST ECOJUSTICE EDUCATION

WITH SOCIAL JUSTICE ADVOCACY CERTIFICATE

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

***ENVST 3364** Challenges to Global Sustainability (IR)

***ENVST 3365** Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

***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)

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

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

***COMM 4650** Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

***GEOG 3400** Population Geography (CW)

***GNDR 3100** Environmental Writing (CW and HF)

***HONOR 3200** Writing in a Research University (CW)

***MGT 3810** Business and Professional Communication (CW)

***WRTG 3012** Writing in the Social Sciences (CW)

***WRTG 3014** Scientific Writing (CW)

***WRTG 3420** Environmental Writing (CW, HF)

Methods Courses (select one)

***ANTH 5234** Population Issues in Anthropology (QI, QB)

***CMP 4450** GIS for Urban Ecologists (QI)

***COMM 4570** Visual Editing

FCS 3200 Research Methods in Family and Consumer Studies

***GEOG 3100** Introduction to GIS & Cartography (QI)(5cr)

POLS 3001 Political Analysis (QI, QB)



Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ANTH 3145 Human Migration & Social Change (IR)

BIOL 3470 Conservation Biology (AS)

COMM 3115 Communicating Health, Science, Environment

COMM 3290 Native American Activism (DV)

COMM 3030 Community & Social Responsibility (CW, HF)

COMM 4360 Consuming the Earth

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

COMM 5490 Communication & Social Justice

CMP 2010 Design Ecologies (BF)

ECON 3250 Intro to Environmental & Natural Resource Economics

ECON/GNDR 5560 Gender & Econ. Development in 3rd World

ENGL 5080 Environmental Literature

ENGL 5930 Theories of Race, Ethnicity, Nation

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

***ENVST/GEOG 3390** Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

FCS/PSY 3620 Environment & Behavior

FCS 5450 Nonprofit Community Organizations

FCS 5730 Community & Environmental Change

FILM 3520 Documentary & Social Justice (FF)

GNDR 1100 Gender & Social Change (BF, DV)

***GNDR 5080** Gender, Power and Freedom

HIST 4380 Environmental History (HF)

***HONOR 3245** Environmental Change

PHIL 3310 Science & Society (HF)

PHIL 3530 Environmental Ethics (HF)

PHIL 3730 Justice & International Affairs (IR)

Complete all of the following

Complete the following:

SW3550 - Social Diversity and Cultural Understanding (4)

Complete the following:

ENVST3365 - Environmental Justice (3)

Complete the following:

SW5535 - Social Justice Advocacy Techniques and Skills (3)

Electives

Complete all of the following

Complete at least 1 of the following:

SW4100 - Global Community Based Research (3)

PHIL3640 - World Religions (3)

PHIL3730 - Justice and International Affairs (3)

PRT3610 - The Global Citizen: Responsible Travel and Inte

CLCS3940 - Community Engaged Learning (3)

GEOG1400 - Human Geography (3)

THEAI760 - American Political Theatre (3)

POLS2200 - Introduction to Comparative Politics (3)

POLS3700 - Urban Politics (3)

POLS3680 - Globalization & World Politics (3)

Course substitutions may be available. Please contact certificate information.

Complete at least 1 of the following:

COMM3030 - Communication and Social Responsibility (3)

WRTG3870 - Writing as Social Practice (3)

CMP4260 - Land, Law & Culture (3)

SOC3650 - Population and Society (3)

GNDR3635 - The Price of Gender: Inequality at the Intersection of Family, Gender and Sexuality (3)

ENTP2030 - Social Entrepreneurship & Innovation (3)

ENGL3600 - Introduction to Critical Theory (3)

WRTG4890 - Writing, Persuasion and Power (3)

Course substitutions may be available. Please contact certificate advisor for more information.

Complete at least 1 of the following:

COMM1270 - Analysis of Argument (3)

COMM5200 - Persuasion and Political Communication (3)

ETHNC5800 - Theories and Research on Social Inequality (3)

CSD4600 - Diverse Populations With Communication Needs (3)

Course substitutions may be available. Please contact certificate advisor for more information.

ENVST ECOJUSTICE EDUCATION

WITH PHILOSOPHY MINOR

ENVST/SOC 3720 Environmental Health Disparities
FCS/PSY 3620 Environment & Behavior
FCS 5450 Nonprofit Community Organizations
FCS 5730 Community & Environmental Change
FILM 3520 Documentary & Social Justice (FF)
GNDR 1100 Gender & Social Change (BF, DV)
***GNDR 5080** Gender, Power and Freedom
HIST 4380 Environmental History (HF)
***HONOR 3245** Environmental Change
PHIL 3310 Science & Society (HF)
PHIL 3530 Environmental Ethics (HF)
PHIL 3730 Justice & International Affairs (IR)
PHIL 5530 Environmental Philosophy (HF)
POLS 5540 Nonprofit Advocacy
***POLS 5625** International Ethics
***PRT 5735** Youth Development
SOC 3422 Social Movements
SOC 3480 Environmental Sociology (IR)
SOC 3486 Global Environmental Crisis
THEA 4630 Theatre for Social Action

Areas	Minimum	Qualified Courses
I Ethics and Value Theory	One course	3011*, 3080, 3500, 3510, 3520, 3530, 3750, 3700, 3710, 3730, 3740, 3750, 3790, 3800, 3820, 4540, 5130, 5191*, 5500, 5510, 5520, 5530, 5540, 5700, 5710, 5800
II Metaphysics and Epistemology	One course	3012*, 3300, 3310, 3350, 3370, 3375, 3380, 3400, 3440, 3600, 4380, 4400, 4450, 4480, 5192*, 5300, 5350†, 5370†, 5375†, 5400*, 5450, 5480*
III History of Philosophy	One course	3013*, 3810, 4110, 4115, 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.)		
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		

ENVST ECOJUSTICE EDUCATION

WITH GLOBAL CITIZENSHIP MINOR

ENVST upper division courses

ENVST/GEOG 3210 Global Climate Change (SF)

*ENVST 3364 Challenges to Global Sustainability (IR)

*ENVST 3365 Environmental Justice (DV)

Policy Courses (Select One)

POLS 3390 Intro to Environmental Policy

POLS 5322 Environmental Policy

POLS 5510 Water Policy

Statistics Courses (select one)

*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)

*POLS 5001 Quantitative Analysis in Political Science (QI)

SOC 3112 Social Statistics (QI, QB)

Writing Courses (select one)

*COMM 4650 Environmental Reporting (CW)

CMP 4260 Land, Law, & Culture (CW)

*GEOG 3400 Population Geography (CW)

*GNDR 3100 Environmental Writing (CW and HF)

*HONOR 3200 Writing in a Research University (CW)

*MGT 3810 Business and Professional Communication (CW)

*WRTG 3012 Writing in the Social Sciences (CW)

*WRTG 3014 Scientific Writing (CW)

*WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

*ANTH 5234 Population Issues in Anthropology (QI, QB)



Electives (select seven courses)

ANTH 3486 Human Ecology (BF, SF)

ANTH 3145 Human Migration & Social Change (IR)

BIOL 3470 Conservation Biology (AS)

COMM 3115 Communicating Health, Science, Environment

COMM 3290 Native American Activism (DV)

COMM 3030 Community & Social Responsibility (CW, HF)

COMM 4360 Consuming the Earth

COMM 5360 Environmental Communication

COMM 5365 Communicating Climate Change

COMM 5490 Communication & Social Justice

CMP 2010 Design Ecologies (BF)

ECON 3250 Intro to Environmental & Natural Resource Economics

ECON/GNDR 5560 Gender & Econ. Development in 3rd World

ENGL 5080 Environmental Literature

ENGL 5930 Theories of Race, Ethnicity, Nation

ENVST/GEOG 3368 Energy Choices for the 21st Century (SF)

*ENVST/GEOG 3390 Sustainable Streams & Riparian Zones

ENVST/SOC 3720 Environmental Health Disparities

FCS/PSY 3620 Environment & Behavior

FCS 5450 Nonprofit Community Organizations

FCS 5730 Community & Environmental Change

FILM 3520 Documentary & Social Justice (FF)

GNDR 1100 Gender & Social Change (BF, DV)

*GNDR 5080 Gender, Power and Freedom

Minor Requirements: 18-20 credits

• Required Core (choose one)

- UGS 2230: Global Citizenship
(course no longer by UGS--please speak with an advisor)
- UGS 2235: Global Citizenship
(course no longer by UGS--please speak with an advisor)

• Elective Courses

- Complete 9 credits of electives, with no more than two courses coming from a single track (FF, HF, AS, SF, BF, DV, IR, CW, QI). see the [approved courses](#).

• Language Requirement Core

- Complete two language courses at any level: 8 credits of lower-division language OR 6 credits of upper-division language.

Notes: The credit/no credit grading option is not available for students in the minor.

Grade Requirements: All major courses must be taken for a minimum letter grade of C or better.

ENVST ECOJUSTICE EDUCATION

WITH LEADERSHIP STUDIES MINOR

Writing Courses (select one)

- *COMM 4650 Environmental Reporting (CW)
- CMP 4260 Land, Law, & Culture (CW)
- *GEOG 3400 Population Geography (CW)
- *GNDR 3100 Environmental Writing (CW and HF)
- *HONOR 3200 Writing in a Research University (CW)
- *MGT 3810 Business and Professional Communication (CW)
- *WRTG 3012 Writing in the Social Sciences (CW)
- *WRTG 3014 Scientific Writing (CW)
- *WRTG 3420 Environmental Writing (CW, HF)

Methods Courses (select one)

- *ANTH 5234 Population Issues in Anthropology (QI, QB)
- *CMP 4450 GIS for Urban Ecologists (QI)
- *COMM 4570 Visual Editing
- FCS 3200 Research Methods in Family and Consumer Studies
- *GEOG 3100 Introduction to GIS & Cartography (QI)(5cr)
- POLS 3001 Political Analysis (QI, QB)
- SOC 3111 Research Methods (CW)

To Be Completed in Your Last Year

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

CAREER OUTLOOK

ECON 3250 Intro to Environmental & Natural Resource
ECON/GNDR 5560 Gender & Econ. Development in 3rd
ENGL 5080 Environmental Literature
ENGL 5930 Theories of Race, Ethnicity, Nation
ENVST/GEOG 3368 Energy Choices for the 21st Century
*ENVST/GEOG 3390 Sustainable Streams & Riparian Zones
ENVST/SOC 3720 Environmental Health Disparities
FCS/PSY 3620 Environment & Behavior
FCS 5450 Nonprofit Community Organizations
FCS 5730 Community & Environmental Change
FILM 3520 Documentary & Social Justice (FF)
GNDR 1100 Gender & Social Change (BF, DV)
*GNDR 5080 Gender, Power and Freedom
HIST 4380 Environmental History (HF)
*HONOR 3245 Environmental Change
PHIL 3310 Science & Society (HF)
PHIL 3530 Environmental Ethics (HF)
PHIL 3730 Justice & International Affairs (IR)
PHIL 5530 Environmental Philosophy (HF)
POLS 5540 Nonprofit Advocacy
*POLS 5625 International Ethics
*PRT 5735 Youth Development
SOC 3422 Social Movements
SOC 3480 Environmental Sociology (IR)
SOC 3486 Global Environmental Crisis
THEA 4630 Theatre for Social Action

MINOR REQUIREMENTS - 19 CREDIT HOURS

- Introductory Course: LDRSP 2020 - 3 credit hours
- Field Experience: LDRSP 4100- 4 credit hours
Prerequisite: LDRSP 2020
- Capstone Course: LDRSP 4750 - 3 credit hours
Prerequisite: LDRSP 2020 and LDRSP 4100
- Three elective courses - 9 credit hours

All students will take one course from each of the following elective course categories:

- [Ethical and Cultural Foundations](#)
- [Group, Organizational and Community Contexts](#)
- [Practical Skills, Instruments, and Processes](#)

ENVST SUSTAINABILITY INITIATIVES

WITH ECONOMICS MINOR

Pre-requisites for ENVST upper division courses

ENVST 2000 First Year Seminar
ENVST 2050 Introduction to Environmental Science (SF)
ENVST 2100 Introduction to Environmental and Sustainability Studies (BF)

ENVST upper division courses

ENVST 3210 Global Climate Change (SF)
***ENVST 3364** Challenges to Global Sustainability (IR)
***ENVST 3365** Environmental Justice (DV)
POLS 3390 Intro to Environmental Policy

Statistics Courses (select one)

***ECON 3640** Probability & Statistics for Economists (QB)
SOC 3112 Social Statistics (QI & QB)
FCS 3210 Statistics in Family & Consumer Studies (QI & QB)
***PSY 3000** Statistical Methods in Psychology (QI & QB)

Writing Courses (select one)

***MGT 3810** Business & Professional Communication (CW)
***WRTG 3014** Scientific Writing (CW)
***WRTG 3012** Writing in the Social Sciences (CW)
***WRTG 3015** Professional Writing (CW)

Methods Courses (select one)

FCS 3200 Research Methods in Family & Consumer Studies
***ECON 4650** Econometrics (QI)
POLS 3001 Political Analysis (QB & QI)
SW 4100 Global Community Based Research
SOC 3111 Research Methods (CW)

Electives (select seven courses)

ANTH 1050 Evolution & Human Nature (SF)
ANTH 4255 Race & Culture (DV)
***CHEM 1210** General Chemistry (SF)
ECON 3190 Intro to Health Economics
FCS 5450 Nonprofit Community Organizations
GEOG 3600 Geography of Utah
GEOG/ENVST 3368 Energy Choices for the 21st Century
GNDR 1100 Gender & Social Change (DV/BF)
GNDR 3380 Social Inequality (DV)
NUIP 1020 Scientific Foundations of Human Nutrition & Health (AS)
PHIL 3530 Environmental Ethics (HF)
PHIL 3520 Bioethics (HF)
PRT 3310 Leisure Behavior & Human Diversity (DV)
***PRT 3320** Recreation Programming & Leadership
PRT 3610 The Global Citizen (IR)
SOC 1020 Social Problems
SOC 3480 Environmental Sociology (IR)
SOC 3650 Population & Society (QI/QB/IR)
SW 3550 Social Diversity & Cultural Understanding (DV)

*No more than 4 from one department
Courses have prereq

Complete the following:

ECON2010 - Principles of Microeconomics (3)

ECON2020 - Principles of Macroeconomics (3)

History, Theory, Thought

Complete at least 1 of the following:

ECON4010 - Intermediate Microeconomic Analysis (3)

ECON4020 - Intermediate Macroeconomic Analysis (3)

ECON5050 - Keynes' Economics (3)

ECON5060 - History of Economic Doctrines (3)

ECON5080 - Marxian Economics (3)

ECON5400 - Middle East Economic History (3)

ECON5410 - Survey of European Economic History (3)

ECON5420 - China and the Global Economy (3)

ECON5430 - Asian Economic History and Development (3)

ECON5460 - Latin American Economic History and Development (3)

ECON5470 - Industrialization and Economic Development: The American Case (3)

Electives

Earned at least 9 credits from **ECON 3000 - 5999**, excluding:

ECON3620 - Mathematics for Economists (3)

ECON3640 - Probability and Statistical Inference for Economists (3)

ECON3905 - Modes of Learning: Writing & Communication in Econ (1)

Grand Total Credits: 18

ENVST SUSTAINABILITY INITIATIVES

WITH SOCIOLOGY MINOR

ENVST upper division courses

ENVST 3210 Global Climate Change (SF)

*ENVST 3364 Challenges to Global Sustainability (IR)

*ENVST 3365 Environmental Justice (DV)

POLS 3390 Intro to Environmental Policy

Statistics Courses (select one)

*ECON 3640 Probability & Statistics for Economists (QB)

SOC 3112 Social Statistics (QI & QB)

FCS 3210 Statistics in Family & Consumer Studies (QI & QB)

*PSY 3000 Statistical Methods in Psychology (QI & QB)

Writing Courses (select one)

*MGT 3810 Business & Professional Communication (CW)

*WRTG 3014 Scientific Writing (CW)

*WRTG 3012 Writing in the Social Sciences (CW)

*WRTG 3015 Professional Writing (CW)

Methods Courses (select one)

FCS 3200 Research Methods in Family & Consumer Studies

*ECON 4650 Econometrics (QI)

POLS 3001 Political Analysis (QB & QI)

SW 4100 Global Community Based Research

SOC 3111 Research Methods (CW)

ECON 3190 Intro to Health Economics

FCS 5450 Nonprofit Community Organizations

GEOG 3600 Geography of Utah

GEOG/ENVST 3368 Energy Choices for the 21st Century

GNDR 1100 Gender & Social Change (DV/BF)

GNDR 3380 Social Inequality (DV)

NUIP 1020 Scientific Foundations of Human Nutrition
& Health (AS)

PHIL 3530 Environmental Ethics (HF)

PHIL 3520 Bioethics (HF)

PRT 3310 Leisure Behavior & Human Diversity (DV)

*PRT 3320 Recreation Programming & Leadership

PRT 3610 The Global Citizen (IR)

SOC 1020 Social Problems

SOC 3480 Environmental Sociology (IR)

SOC 3650 Population & Society (QI/QB/IR)

SW 3550 Social Diversity & Cultural Understanding (DV)

No more than 4 from one dep

** Courses have pre*

Complete the following:

SOC1010 - Introduction to Sociology (3)

Complete at least 1 of the following:

SOC3111 - Research Methods (3)

SOC3140 - Introduction to Sociological Theory (3)

Earned at least 6 credits from SOC 3000 - 5999, excluding:

SOC3950 - Individual Research (1 - 3)

SOC3951 - Directed Reading (1 - 3)