



# Environmental Geography Specialization

Bachelors of Science of Environmental Science

General Education Courses (55-69 credits)  
ENST Core Courses (40-55 credits)

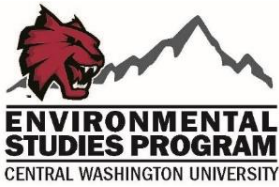
ENST Foundational Courses (25 credits)  
ENST Specialization (33-34 credits)

## Foundational Courses (25 credits)

	Credits	Course & Term Completed
BIOL 101 OR BIOL 181 OR BIOL 200	5	
CHEM 101 OR CHEM111/111LAB OR CHEM 181/181LAB	5	
GEOG 107	5	
GEOG 208	5	
ECON 101 OR ECON 201	5	
<b>Total Foundational Credits:</b>	<b>25</b>	

## Core Courses (41-45 credits)

	Credits	Course & Term Completed
ENST 201 Earth as an Ecosystem OR ENST 202 Environment and Society	5	
ENST 300 Applied Environmental Sciences	5	
ENST 303 Environmental Management	5	
ENST 304 Environmental Methods and Analysis	5	
ENST 330 Env. Leadership and Advocacy OR ENST 360 Env. Justice	5	
ENST 444 Environmental Policy Formulation	4	
ENST 487 End of Major Capstone	1	
ENST 495 OR other 495 Senior Research (1-12 credits)	3-5	(choose 1 course)
OR ENST 490 Cooperative Education (1-12 credits)		
OR UNIV 309 Civic Engagement (2 credits)		
OR UNIV 304 International Sustainable Development (5 credits)		
<b>Upper Level Electives</b> (cannot be used to fulfill specialization req.)	<b>8-10</b>	(choose 2 courses)
ANTH 352 Anthropology of Environmental Issues	4	
ANTH 440 Ecology and Culture OR GEOG 440 Ecology and Culture	4	
BIOL 302 Sustainability and Environmental Change	5	
BIOL 362 Biomes of the Pacific Northwest	4	
BIOL 377/377LAB OR GEOL 377/377LAB Regional Natural History	5	
BUS 389 Sustainable Business	5	
CMGT 452 LEED in Sustainable Construction	4	
ECON 462 Environmental and Resource Economics	5	
ECON 463 Energy Economics	5	
ENST 310 Energy and Society	5	
ENST 330 Environmental Leadership and Advocacy	5	
ENST 360 Environmental Justice	5	
ENST 455 Environmental Literature	3	
ENST 460 Environmental Law OR GEOG 445 Environmental Law	5	
GEOG 373 Water Resources	4	
GEOG 388 Weather and Climate	5	
GEOG 442 Alternative Energy	5	
GEOG 456 Recreation Geography	5	
GEOL 302 Oceans and Atmosphere	4	
GEOL 380 Natural Hazards	5	
GEOL 441 Climate Variability and Climate Change	5	
HIST 454 American Environmental History	5	
IEM 301 Energy Management	5	
IEM 302 Energy, Environment, and Climate Change	4	
IEM 330 Geopolitics of Fossil Fuels	5	
PHIL 306 Environmental Ethics	5	



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PHIL 314 American Wilderness Philosophy	5	
POSC 344 Environmental Politics	5	
PSY 413 Conservation Psychology	4	
PUBH 320 Environmental Health	4	
RTE 330 Sustainable Resources for Recreations and Tourism	3	
SOC 380 Social Ecology	5	
<b>Total Core Credits:</b>	<b>41-45</b>	

### Environmental Geography Specialization Courses (33-35 credits)

	Credits	Course & Term Completed
<b>Choose TWO of the following physical geography courses</b>	<b>10</b>	
GEOG 361 Soils	5	
GEOG 382 Hydrology	5	
GEOG 386 Geomorphology	5	
GEOG 387 Biogeography	5	
GEOG 388 Weather and Climate	5	
GEOG 453 Riparian and Wetlands Analysis	5	
GEOG 483 Snow	5	
<b>Choose TWO of the following techniques course</b>	<b>10</b>	
GEOG 303 GIS and Data Management <i>(prerequisite of GEOG 301)</i>	5	
GEOG 325 Field Methods in Geography	5	
GEOG 330 Airphoto Interpretation <i>(requires prerequisite of GEOG 301)</i>	5	
GEOG 404 GIS Analysis <i>(prerequisite of GEOG 303)</i>	5	
GEOG 409 Quantitative Methods in Geography	5	
GEOG 430 Remote Sensing <i>(prerequisite of GEOG 330 or GEOG 210 or instructor consent)</i>	5	
<b>Choose TWO of the following resource courses</b>	<b>8-10</b>	
GEOG 373 Water Resources	4	
GEOG 441 Climate Change: Human and Biophysical Dimensions	4	
GEOG 442 Alternative Energy	5	
GEOG 449 Environmental Hazard Analysis and Management	5	
GEOG 455 Pyrogeography	4	
GEOG 456 Recreation Geography	5	
GEOG 458 People, Parks, and Protected Areas	4	
<b>Choose ONE of the following courses</b>	<b>5</b>	
GEOG 450 Arid Environments	5	
GEOG 451 Mountain Environments	5	
GEOG 452 Coastal Environments	5	
GEOG 454 Forest Environments	5	
GEOG 479 Geography of the West	1-12	
<b>Total Specialization Credits:</b>	<b>33-35</b>	

### B.S. Environmental Sciences – Geography Specialization Credit Total: 98-104

#### University Graduation Requirements

- Minimum of 60 upper division credits required
- Residency: Max. 135 transfer quarter credits allowed (max. 105 from community colleges)
- Residency: At least 3 quarters and 45 credits must be in residence at CWU
- Residency: At least 10 credits in Major and 10 credits in Minor (if declared) in residence at CWU
- Maximum of 20 credits from Cooperative Education study

Total Credit Breakdown	
General Education Credits:	
ENST Foundation Credits:	
ENST Core Credits:	
ENST Specialization Credits:	
Other University Credits:	
<b>Total Credits:</b>	



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