

# Advising Worksheet

## B.S. in Environmental Sciences

### Environmental Geography Specialization

#### Requirements for B.S. in Environmental Sciences

General Education Courses (55-69 credits)  
 Environmental Studies **Foundation** Courses (25 credits)  
 Environmental Studies **Core** Courses (39-45 credits)  
 Environmental Studies **Specialization** Courses (33-35 credits)

Foundational Courses (25 credits)	Credits	Course	Completed
BIOL 101 <u>OR</u> BIOL 181 <u>OR</u> BIOL 200	5		
CHEM 101 <u>OR</u> CHEM111/111LAB <u>OR</u> CHEM 181/181LAB	5		
GEOG 107	5		
GEOG 208	5		
ECON 101 <u>OR</u> ECON 201	5		
<b>Total Foundational Credits:</b>	<b>25</b>		
Core Courses (39-45 credits)	Credits	Course	Completed
ENST 201 Earth as an Ecosystem <u>OR</u> 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 Environmental Leadership and Advocacy <u>OR</u> ENST 455 Environmental Literature	3-5		
ENST 444 Environmental Policy Formulation	4		
ENST 487 End of Major Capstone	1		
ENST 495 or other 495 Senior Research (1-12 credits) <u>OR</u> ENST 490 Cooperative Education (3-5 credits) <u>OR</u> UNIV 309 Civic Engagement (2 credits) <u>OR</u> Study Abroad (by permission; 3-5 credits)	3-5	(select one or a combination of courses)	
<b>Upper Level Electives</b>	8-10	(2 courses from list below)	
<i>Elective courses cannot be used to fulfill specialization requirements:</i>			
ANTH Ecology and Culture <u>OR</u> GEOG 440 Ecology and Culture	4		
BIOL 302 Sustainability and Environmental Change	5		
BIOL 362 Biomes of the Pacific Northwest	4		
BIOL 377/377LAB <u>OR</u> GEOL 377/377LAB Regional Natural History	5		
CMGT 452 LEED in Sustainable Construction	4		
ECON 462 Environmental and Resource Economics	5		
ENST 310 Energy and Society	5		
ENST 460 Environmental Law <u>OR</u> GEOG 445 Environmental Law	5		
GEOG 373 Water Resources	4		
GEOG 441 Climate Change: Human and Biophysical Dimensions	4		
GEOG 442 Alternative Energy <u>OR</u> _ETSC 442 Alternative Energy Resources and Technology	5		
GEOL 302 Oceans and Atmosphere	4		
GEOL 380 Natural Hazards	5		
HIST 454 American Environmental History	5		
PHIL 306 Environmental Ethics	5		
SOC 380 Social Ecology	5		
<b>Subtotal Core Credits:</b>	<b>39-45</b>		
<b>Total Core Credits:</b>			

<b>Environmental Geography Specialization (33-35 credits)</b>	<b>Credits</b>	<b>Course</b>	<b>Completed</b>
<i>GEOG 107 and GEOG 208 (formerly GEOG 108) are required as foundational courses for this specialization. GEOG 107 is a prerequisite to most courses listed below. Additional prerequisites are noted with asterisks.</i>			
<b>Choose <u>TWO</u> of the following physical geography courses (10 credits):</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		
<b>Choose <u>TWO</u> of the following techniques courses (10 credits):</b>			
GEOG 303 GIS and Data Management*	5		
GEOG 311 Qualitative Methods in Geography	4		
GEOG 325 Field Methods in Geography	5		
GEOG 330 Airphoto Interpretation*	5		
GEOG 409 Quantitative Methods in Geography	5		
GEOG 430 Remote Sensing**	5		
<i>*requires prerequisite of GEOG 301 or GEOL 210</i>			
<i>**requires prerequisite of GEOG 330/GEOL 210 or consent of instructor</i>			
<b>Choose <u>TWO</u> of the following resource courses (8-10 credits):</b>			
GEOG 373 Water Resources	4		
GEOG 441 Climate Change: Human and Biophysical Dimensions	4		
GEOG 442 Alternative Energy	5		
GEOG 444 Mineral Resources	4		
GEOG 449 Environmental Hazard Analysis and Management	5		
GEOG 458 People, Parks, and Protected Areas	4		
<b>Choose <u>ONE</u> of the following courses (5 credits):</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>B.S., Environmental Sciences Credit Total:</b>		<b>97-105</b>	

**Summary of Total University Credits (MINIMUM 180 CREDITS):**

**Credit Breakdown:**

	<b>Number</b>
General Education	_____
ENST Foundation	_____
ENST Core	_____
ENST <b>Environmental Geography</b> Specialization	_____
Other university credits (transfer or other)	_____

**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

**Student Name:** \_\_\_\_\_ **Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**ENST Advisor Name:** \_\_\_\_\_ **Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_