



## Environmental Geology 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 <b>OR</b> BIOL 181 <b>OR</b> BIOL 200	5	
CHEM 101 <b>OR</b> CHEM111/111LAB <b>OR</b> CHEM 181/181LAB	5	
GEOL 101/101LAB <b>OR</b> GEOL 108/101LAB <b>OR</b> GEOL 103/101LAB	5	
ANTH 130 <b>OR</b> GEOG 101 <b>OR</b> GEOG 208 <b>OR</b> SOC 107	5	
ECON 101 <b>OR</b> 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 <b>OR</b> 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 <b>OR</b> ENST 360 Env. Justice	5	
ENST 444 Environmental Policy Formulation	4	
ENST 487 End of Major Capstone	1	
ENST 495 <b>OR</b> other 495 Senior Research (1-12 credits)	3-5	(choose 1 course)
<b>OR</b> ENST 490 Cooperative Education (1-12 credits)		
<b>OR</b> UNIV 309 Civic Engagement (2 credits)		
<b>OR</b> UNIV 304 International Sustainable Development (5 credits)		
<b>Upper Level Electives</b> (cannot be used to fulfill specialization req.)	8-10	(choose 2 courses )
ANTH 352 Anthropology of Environmental Issues	4	
ANTH 440 Ecology and Culture <b>OR</b> GEOG 440 Ecology and Culture	4	
BIOL 302 Sustainability and Environmental Change	5	
BIOL 362 Biomes of the Pacific Northwest	4	
BIOL 377/377LAB <b>OR</b> 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 <b>OR</b> 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	



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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	
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 Geology Specialization Courses (33-35 credits)

	Credits	Course & Term Completed
<b>Required Courses</b>	<b>28-29</b>	
GEOL 200 Earth's Evolution and Global Change	5	
GEOL 302 Oceans & Atmosphere <b>OR</b> GEOL 384 Ocean, Atmos. & Climate Interactions	4	
GEOL 380 Natural Hazards <b>OR</b> GEOL 382 Earth Resources & Pollution	4-5	
GEOL 386 Geomorphology	5	
GEOL 445 Hydrogeology	5	
MATH 154 Pre-Calculus Mathematics II	5	
<b>Choose ONE field course from the following:</b>	<b>4-5</b>	
GEOL 210 Introduction to Geologic Field Methods	4	
GEOL 377/377LAB Regional Natural History	5	
GEOL 493 Field Methods in Environmental Geology	4	
<b>Total Specialization Credits:</b>	<b>32-34</b>	

### B.S. Environmental Sciences –Geology 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

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