

Advising Worksheet

B.S. in Environmental Sciences

Environmental Chemistry 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 (30 credits)

Foundational Courses (25 credits)	Credits	Course	Completed
CHEM 181/181LAB	5		
BIOL 101 <u>OR</u> 181/181LAB <u>OR</u> BIOL 200	5		
GEOG 107 <u>OR</u> GEOL 101/101LAB <u>OR</u> GEOL 108/101LAB	5		
ANTH 130 <u>OR</u> GEOG 101 <u>OR</u> GEOG 208 <u>OR</u> SOC 107	5		
ECON 101 <u>OR</u> ECON 201	5		
Total Foundational Credits:	25		
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 <u>OR</u> other 495 Senior Research (3-5 credits) <u>OR</u> ENST 490 Cooperative Education (1-12 credits) <u>OR</u> UNIV 309 Civic Engagement (2 credits) <u>OR</u> Study Abroad (3-5 credits)	3-5		
Upper Level Electives	8-10	(2 courses from list below)	
<i>Elective courses cannot be used to fulfill specialization requirements:</i>			
ANTH 440 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		
Subtotal Core Credits:	39-45		
Total Core Credits:			

Environmental Chemistry Specialization Courses (30 credits)	Credits	Course	Completed
<i>CHEM 181/181LAB are required as foundational courses for this specialization.</i>			
Required Courses: (25 credits)			
CHEM 182/182LAB General Chemistry II	5		
CHEM 183/183LAB General Chemistry III	5		
CHEM 332/332LAB Quantitative Analysis	5		
CHEM 345 Environmental Chemistry	5		
MATH 154 Pre-calculus II	5		
Choose <u>ONE</u> field course from the following: (5 credits)			
BIOL 220 Introductory Cell Biology	5		
BIOL 322 Introductory Microbiology	5		
CHEM 452/452LAB Instrumental Analysis	5		
GEOL 425 Environmental Geochemistry	5		
Total Specialization Credits:		30	
B.S., Environmental Sciences Credit Total:		94-100	

Summary of Total University Credits (MINIMUM 180 CREDITS):

Credit Breakdown:

	Number
General Education	_____
ENST Foundation	_____
ENST Core	_____
ENST Environmental Chemistry 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:** _____