



# Environmental Chemistry Specialization

## Bachelors of Science of Environmental Science

### Advising Worksheet

### B.S. in Environmental Sciences

### Environmental Chemistry Specialization

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

General Education Courses (46-66 credits)  
 Environmental Studies **Foundation** Courses (20 credits)  
 Environmental Studies **Core** Courses (45-50 credits)  
 Environmental Studies **Specialization** Courses (30 credits)

#### Foundational Courses (20 credits)

	Credits	Course & Term Completed
BIOL 181	5	
CHEM 181/181LAB	5	
GEOL 101/101LAB <b>OR</b> GEOL 103/101LAB <b>OR</b> GEOL 108/101LAB <b>OR</b> GEOG 107	5	
ANTH 130 <b>OR</b> ECON 201 <b>OR</b> GEOG 101 <b>OR</b> POSC 101 <b>OR</b> SOC 107	5	

#### Core Courses (45-50 credits)

	Credits	Course & Term Completed
<b>Required Courses</b>	<b>35</b>	
ENST 201 Earth as an Ecosystem <b>OR</b> ENST 202 Env. & Society	5	
ENST 300 Analysis of Environmental Systems	5	
ENST 303 Environmental Resource Management	5	
ENST 330 Env. Leadership and Advocacy <b>OR</b> ENST 360 Env. Justice	5	
ENST 400 Environmental Methods and Analysis	5	
ENST 460 Environmental Law	5	
ENST 461 Environmental Policy	4	
ENST 487 End of Major Capstone	1	
ENST 495 <b>OR</b> other 495 Senior Research (1-12 credits)	<b>3-5</b>	
<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.)	<b>7-10</b>	
ENST 310 Energy and Society	5	
ENST 330 Environmental Leadership and Advocacy	5	
ENST 360 Environmental Justice	5	
ENST/POSC 364 Environmental Conflict & Change	5	
ENST 398 Special Topics (any title OK; needs approval)	1-6	
ENST 455 Environmental Literature	3	
ENST 480 Campus Sustainability (needs approval)	4	
GEOG 301 Introduction to GIS and Maps	4	
SUST 301 Introduction to Sustainability	4	



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### Environmental Chemistry Specialization Courses (30 credits)

	Credits	Course & Term Completed
<b>Required Courses</b>	<b>25</b>	
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	
<b>Choose <u>ONE</u> field course from the following:</b>	<b>5</b>	
BIOL 220 Introductory Cell Biology	5	
BIOL 322 Introductory Microbiology	5	
CHEM 452/452LAB Instrumental Analysis	5	
GEOL 425 Environmental Geochemistry	5	

### B.S. Environmental Sciences – Chemistry Specialization Credit Total: 95-100

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