# Advising Worksheet

## B.S. in Environmental Studies—Environmental Chemistry Specialization

**Requirements for B.S. in Environmental Studies**

**General Education** Courses (55-69 credits)
Environmental Studies **Foundation** Courses (25 credits)
Environmental Studies **Core** Courses (37-42 credits)
Environmental Studies **Specialization** Courses (30 credits)

| **Foundation courses (25 credits)** | **Credits** | **Course** | **Completed** |
|---|---|---|---|
| CHEM 181/181 Lab | 5 | | |
| BIOL 101/101 Lab or BIOL 181/181 Lab or BIOL 200 | 5 | | |
| GEOG 101 or GEOG 107 or GEOL 101 or GEOL 102 or GEOL 108 | 5 | | |
| ANTH 130 or GEOG 108 | 5 | | |
| ECON 101 or ECON 201 | 5 | | |

**Subtotal Foundational Credits: 25**

**Total Foundation Credits** _____

**Core courses (37-42 credits)**

| | | | |
|---|---|---|---|
| ENST 201 Earth as an Ecosystem<br>or ENST 202 Ecosystems, Resources, Populations, and Culture | 5 | | |
| ENST 210 The Global Environment from a Local Perspective | 5 | | |
| ENST 303 Environmental Management | 5 | | |
| ENST 304 Environmental Methods and Analysis | 5 | | |
| ENST 455 Environmental Literature | 3 | | |
| ENST 444 Environmental Policy Formulation | 4 | | |
| ENST 495 or other 495 Senior Research<br>or ENST 490 Cooperative Education<br>or UNIV 309 Service Learning<br>or Study Abroad | 3-5 | | |
| Upper level electives (2 courses) | 7-10 | | |
| | | | |

Select two of the following, these courses can not be used to fulfill specialization requirements:
ANTH/GEOG 440 Ecology and Culture
ANTH 398 Anthropological Perspectives on the Environment
ANTH/GEOG 498 Native American Resource Issues
BIOL 302 Human Ecology
BIOL 362 Biomes of the Pacific Northwest
ECON 462 Economics of Energy, Resources, and Environment
GEOG 303 Introductory GIS
ENST 310 Energy and Society
GEOG/IET 442 Alternative Energy Resources and Technology
GEOG 350 Resources, Population, and Conservation
GEOG 448 Resource and Environmental Analysis
GEOL 302 Oceans and Atmosphere
GEOL 380 Environmental Geology and Natural Hazards
CMGT 452 LEED in Sustainable Construction
HIST 454 American Environmental History
PHIL 306 Environmental Ethics

**Subtotal Core Credits: 37-42**

**Total Core Credits** _____

## Environmental Chemistry Specialization (30 credits)

| | Completed |
|---|---|
| CHEM 182/182 Lab (5) | _____ |
| CHEM 183/183 Lab General Chemistry (5) | _____ |
| CHEM 332 Quantitative Analysis (5) | _____ |
| CHEM 345 Environmental Chemistry (5) | _____ |
| MATH 154 Precalculus II (5) | _____ |

Select one from: (5)

| Course | Completed |
|---|---|
| GEOL 425 Environmental Geochemistry | |
| or BIOL 220 Introductory Cellular Biology | _____ _____ |
| or CHEM 452 Instrumental Analysis | |

**Subtotal Specialization Credits: 37-42**

**Total Specialization Credits** _____

**Total Environmental Studies Credits 91-102**

| Summary of Total Credits | Number |
|---|---|
| **General Education** | _____ |
| ENST **Foundation** | _____ |
| ENST **Core** | _____ |
| ENST Env. Chemistry **Specialization** | _____ |
| Other university credits (transfer or other) | _____ |

Total University Credits (**Minimum 180 credits***) _____

- Minimum of 60 upper division credits required
- Residency: Maximum of 135 transfer credits allowed
- 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