

## Environmental Studies Major Checklist

Prerequisites for the Environmental Studies Major	Complete	Plan to Complete
Two introductory lab courses in Biology, Chemistry or Earth System Science (may be from two different areas)		
Introductory Statistics (BIS 232, BIS 315, B BUS 215 or equivalent)		

Quarter started: \_\_\_\_\_ Need \_\_\_\_\_ transcripts by \_\_\_\_\_

### 180 credits required for graduation

As of \_\_\_\_\_, credits completed: \_\_\_\_\_

Credits required for major: \_\_\_\_\_

Credits needed beyond major requirements (to reach 180 credit minimum): \_\_\_\_\_

"W" or writing credits needed: \_\_\_\_\_

(10 "W" credits required. 8 "W" credits will be completed through BIS 300 & 499.)

### Environmental Studies Major Requirements – 90 credits

Core Requirements – 30 credits			
BIS 300 Interdisciplinary Inquiry (required first quarter course)			
BIS 243 Introduction to Environmental Studies			
BES 301 Science Methods & Practice <b>OR</b> BIS 312 Approaches to Social Research			
BES 312 Ecology <b>OR</b> BIS 390 Ecology and the Environment			
Economics: BCUSP 200, BIS 320, BIS 394, BISGST 324 or equivalent			
Environmental Ethics: BIS 356 Ethics and the Env. <b>OR</b> BIS 345 American Env. Thought			
Pathway Core Requirements- 10 credits, choose one pathway			
Sustainability and Society (S&S)		Conservation Science and Management (CSM)	
Sustainability Focus (1)		BIS 342 Geographic Information Systems	
Sustainability Focus (2)		BES 485 Conservation Biology	
Distribution Requirements – 20 credits			
Environmental Science			
Methods & Practices			
Society & Environment			
Policy & Management			
BIS 499 Portfolio Capstone – 3 credits			
BIS 499 Portfolio Capstone (min grade 2.5)			
General Electives – 27 credits			
(100-400 level at UW Bothell, 300-400 level if taken elsewhere)			

### Areas of Knowledge

25 credits must be completed in each Area of Knowledge. At least 10 credits in each Area must be completed in courses at UW Bothell. Multiply-designated courses cannot fulfill two Areas of Knowledge. Credits may overlap with major requirements.

Visual, Literary, Performing Arts (VLPA)	Individual and Societies (I&S)	Natural World (NW)
VLPA	I&S	NW
VLPA	I&S	NW
VLPA	I&S	NW
VLPA (UWB)	I&S (UWB)	NW (UWB)
VLPA (UWB)	I&S (UWB)	NW (UWB)

**Lower Division Credit Policy** – Up to 35 credits of lower division (100-200 level) coursework at UW Bothell may count toward the 90 major credits.

## Environmental Studies Pathway & Distribution Courses

### Pathway Core

#### **Sustainability & Society**

##### **Sustainability Focus – (10 credits needed)**

BIS 240 Introduction to Sustainable Practices  
BIS 392 Water & Sustainability  
BIS 396 Topics in Sustainability  
BIS 459 Conservation & Sustainability  
Development  
BIS 468 Human Rights and Sustainable  
Development

#### **Conservation Science & Management**

BES 485 Conservation Biology  
BIS 342 Geographic Information Systems

### Distribution Courses

#### **Environmental Science**

BES 311 Environmental Chemistry  
BES 312 Ecology (*if not used as core*)  
BES 318 Hydrogeology  
BES 362 Introduction to Restoration Ecology  
BES 397 Special Topics in Env. Science  
BES 430 Air Pollution and Health  
BES 460 Water Quality  
BES 485 Conservation Biology  
BES 488 Wetland Ecology  
BES 489 Pacific Northwest Ecosystems  
BES 490 Pacific NW Plants in Restoration &  
Conservation  
  
BIS 241 Nature & the Northwest  
BIS 242 Environmental Geography (*if not used as  
a prerequisite*)  
BIS 306 Marine Diversity and Conservation  
BIS 386 Global Environmental Issues  
BIS 390 Ecology & The Environment (*if not used as  
core*)  
BIS 395 Environmental Change in Washington State

BST 200 Introduction to Climate Science (*if not  
used as a prerequisite*)

#### **Methods & Practices**

BES 302 Environmental Problem Solving  
BES 303 Environmental Monitoring Practicum  
(2 credits)  
BES 316 Ecological Methods  
BES 317 Soils Laboratory  
BES 415 Advanced Environmental  
Measurements Laboratory  
BIS 442 Advanced GIS  
BES 439 Computer Model. & Visual in  
Environmental Science  
BES 460 Water Quality  
BES 487 Field Lab Wildland Plants and Soils  
BES 490 Pacific Northwest Plants in  
Restoration & Conservation

BIS 232 Using, Understanding & Visualizing  
Quantitative Data  
BIS 340 Approaches to Cultural Research  
BIS 342 Geographic Information Systems  
BIS 405 Environmental Education  
BIS 410 Topics in Qualitative Inquiry  
BIS 430 Social Theory and Practice

B EDUC 493 Environmental Education

#### **Society & Environment**

BES 302 Environmental Problem Solving  
  
BIS 240 Introduction to Sustainable Practices  
BIS 242 Environmental Geography (*if not used as  
a prerequisite*)  
BIS 244 Wetlands Discovery  
BIS 282 Globalization  
BIS 307 Environmental Justice  
BIS 320 Comparative Political Economies  
BIS 345 American Environmental Thought  
BIS 353 Human Rights Theory & Practice  
BIS 356 Ethics and the Environment  
BIS 358 Issues in Environmental Science  
BIS 386 Global Environmental Issues  
BIS 391 Environmental History of the Pacific  
Northwest  
BIS 392 Water and Sustainability  
BIS 394 Comparative Economic Development  
BIS 411 Biotechnology and Society  
BIS 458 Energy, Environment & Society  
BIS 459 Conservation and Sustainable  
Development  
BIS 468 Human Rights and Sustainable  
Development  
  
BISGST 303 History and Globalization  
BISGST 324 International Political Economy  
BISGST 362 Contemporary Political Ideas &  
Ideologies

BISSEB 304 Institutions and Social Change  
BISSEB 359 Ethics and Society

#### **Environmental Policy & Management**

BES 362 Intro.to Restoration Ecology  
BES 485 Conservation Biology  
BES 486 Watershed Ecology & Management  
  
BIS 307 Environmental Justice  
BIS 338 Political Institutions & Processes  
BIS 346 Topics in Environmental Policy  
BIS 415 Public Policy and Law  
BIS 419 Urban Politics and Policy  
BIS 458 Energy, Environment and Society  
  
BPOLST 492 Topics in Policy Research