

Environmental Studies Degree Checklist

Name: _____ Student ID: _____ Advisor: _____

Natural Sciences:

13 Credits				
Course Title	Course #	Credits	Plan	Done
Intro to Environ Science	ESR 220	4		
Applied Environ Studies	ESR 221	4		
Physical Geography	GEOG 210	4		
Environmental Seminar	ESR 407	1		

6-8 Credits in 1 Sequence				
Course Title	Course #	Credits	Plan	Done
Intro Chemistry I	CH 104	4		
Intro Chemistry II	CH 105	4		
Intro Chemistry III	CH 160	4		
Fundamentals of Env Chem	CH 170	4		

8 Credits in 1 Sequence				
Course Title	Course #	Credits	Plan	Done
Principles of Biology	BI 252	5		
Principles of Biology	BI 253	5		
Bio Concepts & Applications	SCI 341	4		
Bio Concepts & Applications	SCI 342	4		

Social Science & Management:

16 Credits				
Course Title	Course #	Credits	Plan	Done
Applied Env Stud: Prob Solving	ESR 222	4		
Environ & Society: Global	GEOG 230	4		
Resource Management	GEOG 345	4		
Economics of Environ Issues	EC 332	4		

8 Credits				
Course Title	Course #	Credits	Plan	Done
Environ Issues & Action	GEOG 347	4		
The Environment & History	HST 339	4		
Env & Ecological Literacy	ESR 330	4		
Environ Ethics	PHL 310	4		
Politics of the Environ	PS 319	4		

Skills:

8 Credits (Mapping)				
Course Title	Course #	Credits	Plan	Done
Maps & Geographic Info	GEOG 380	4		
Geog Info Systems I: Intro	GEOG 488	4		

4 Credits (Quantitative)				
Course Title	Course #	Credits	Plan	Done
Visualization of Spatial Data	GEOG 397	4		
Spatial Quantitative Anal.	GEOG 497	4		
Environmental Statistics	SCI 314	4		
Intro Probability & Stats I	STAT 243	4		

4 Credits (Methods)				
Course Title	Course #	Credits	Plan	Done
Field Sampling	BI 473	4		
Field Methods in Phys Geog	GEOG 420	4		
Bldg GIS Database w/GPS	GEOG 4/589	4		
Research Methods	ESR 340 *	2		
Research Methods	ESR 340 *	2		
Field Methods	ESR 342	4		

* ESR 340 can be taken twice for 4 credits to satisfy this requirement

4 Credits (Communications)				
Course Title	Course #	Credits	Plan	Done
Adv Topics in Cultural Studies	ENG 449	4		
Visual Image Analysis	GEOG 480	4		
Map Design & Production	GEOG 485	4		
Maps & Models	GEOG 495	4		
Technical Report Writing	WR 327	4		

Topical Areas:

16 Credits From 1 Area				
Environmental Systems				
Course Title	Course #	Credits	Plan	Done
Ecological Toxicology	ESR 420	4		
Wetland Ecology	ESR 424	4		
Ecology/Streams&Rivers	ESR 426	4		
Watershed Biogeochem	ESR 427	4		
Urban Ecology	ESR 428	4		
Environ Impact Assessment	ESR 429	4		
Old-growth Forest Ecology	ESR 445	4		
Limnology&Aquatic Ecology	ESR 475	4		
Fate&Transport/Toxics in Envr	ESR 479	4		
Climatology	GEOG 311	4		
Biogeography	GEOG 313	4		
Alpine Environment	GEOG 322	4		
AI: Urban Air Pollution	SCI 331, 332	4		
Water in the Environment	SCI 335, 336	4		
Old Growth Forest Ecol&Mgmt	SCI 345, 346	4		

Urban Issues				
Course Title	Course #	Credits	Plan	Done
Urban Ecology	ESR 428	4		
Urban Geography	GEOG 332	4		
Urban Landscapes	GEOG 432	4		
Sustainable Cities	GEOG 442	4		
Urban Streams	GEOG 447	4		
The Urban Forest	GEOG 448	4		
Urban Planning Environ Issues	USP 313	4		
Urban Economics	USP 431	4		
Urban Transport: Prob & Policies	USP 456	4		

Resource Management				
Course Title	Course #	Credits	Plan	Done
Natural Resource Economics	ESR 433	4		
Business Env Mgmt Economics	ESR 434	4		
Global Environ Economics	ESR 443	4		
Resource Mgmt Topics	GEOG 445	4		
Water Resource Management	GEOG 446	4		
Energy & Society	SCI 321, 322	4		
Urban Economics	USP 431	4		

Nature/Society Interactions				
Course Title	Course #	Credits	Plan	Done
Culture and Ecology	ANTH 414	4		
Environmental Economics	EC 432	4		
Natural Resource Economics	EC 433	4		
Economics of Green Power	EC 444	4		
Wrlld Population&Food Supply	GEOG 346	4		
Cultural Ecology	GEOG 348	4		
Mountain Geology	GEOG 349	4		
Cultural Geography	GEOG 430	4		
Sense of Place	GEOG 462			
American Environ History	HST 440,441	4		
Politics of the Environment	PS 319	4		
Sci & Policy of Climate Chng	SCI 352	4		
Ethics in Science	SCI 363	4		
Globalization	SOC 320	4		
Population Trends & Policy	SOC 341	4		
Environmental Sociology	SOC 465	4		
Population and Society	USP 419	4		

Environmental Education				
Course Title	Course #	Credits	Plan	Done
Intro to Education & Society	ED 420	4		
Projects	ESR 406	4		
Environmental Education	ESR 570	4		
Sense of Place	GEOG 462	4		
Teaching Everyday Science	SCI 311,312	4		

General Education (45 Credits)

Course Title	Credits	Plan	Done	Electives	Credits	Plan	Done
Freshman Inquiry	5, 5, 5						
Sophomore Inquiry	4, 4, 4						
Junior Cluster	4, 4, 4						
Senior Capstone	6						

Note: This is a list of current recommendations. Please see the Bulletin for a complete list of courses that may count.