

Environmental Science Degree Checklist

Name: _____ Student ID: _____ Advisor: _____

Environmental Science Core:

51 Credits				
Course Title	Course #	Credits	Plan	Done
Intro Environ Science	ESM 220	4		
Applied Envir Studies: Problem Solving	ESM 221	4		
Applied Env Studies: Policy Considerations	ESM 222	4		
Environ Systems I	ESM 320	4		
Environ Systems I Lab	ESM 323	2		
Environ Systems II	ESM 321	4		
Environ Systems II Lab	ESM 324	2		
Environ Risk Assessment	ESM 322	4		
Environ Risk Assess Lab	ESM 325	2		
Intro to Envir. Mgmt	ESM 335	4		
Environmental Seminar	ESM 407	1		
	ESM 410-499	4		
	ESM 410-499	4		
	ESM 410-499	4		
	ESM 410-499	4		

Note: ESM 404 can substitute for 4 credits of the 410-499 requirement.*

Foundation Courses:

49-50 Credits				
Course Title	Course #	Credits	Plan	Done
Intro Probab. & Stats I	STAT 243	4		
Intro Probab & Stats II	STAT 244	4		
	or			
Intro Probab & Stats I	STAT 243	4		
Research Methods in Env Studies	ESM 340	4		
Calculus I	MTH 251	4		
Calculus II	MTH 252	4		
Principles of Biology	BI 251	5		
Principles of Biology	BI 252	5		
Principles of Biology	BI 253	5		
General Chemistry	CH 221	4		
General Chemistry	CH 222	4		
General Chemistry Lab	CH 227	1		
General Chemistry Lab	CH 228	1		
Geology	G 201	3		
Geology Lab	G 204	1		
	or			
General Physics or GP w/calc	PH 201/211	4		
Gen Physics Lab	PH 214	1		
	or			
Physical Geography	GEOG 210	4		
Principles of Economics	EC 201	4		
	or			
Economics of Environ Issues	EC 332	4		

Connected Learning:

16 Credits

Course Title	Course #	Credits	Plan	Done
Intro to Genetics	BI 341	4		
General Ecology	BI 357	4		
Intro to Marine Biology	BI 360	3		
Vertebrate Zoology	BI 387	6		
Herpetology	BI 413	6		
Ornithology	BI 414	6		
Mammalogy	BI 415	6		
Microbial Ecology	BI 423	4		
Evolution	BI 358	4		
Conservation Biology	BI 429	4		
Plant Ecology	BI 471	4		
Environ Economics	EC 432	4		
Environmental Science 400 Level	ESM 410-499	4		
Cultural Studies in Literature	ENG 308	4		
Adv topics in Cultural Studies	ENG 449	4		
ESM Internship*	ESM 404	4		
Resource Management	GEOG 345	4		
World Pop. & Food Supply	GEOG 346	4		
Environ Issues & Action	GEOG 347	4		
Cultural Ecology	GEOG 348	4		
Mountain Geography	GEOG 349	4		
Biogeography of Pacific NW	GEOG 413	4		
Soils & Land Use	GEOG 415	4		
Field Methods in Phys Geog	GEOG 420	4		
Resource Mgmt Topics	GEOG 445	4		
Water Resource Mgmt	GEOG 446	4		
Sense of Place	GEOG 462	4		
Satellite Digital Image Analysis	GEOG 481	4		
Geog Info Systems I: Intro	GEOG 488	4		

Course Title	Course #	Credits	Plan	Done
Intro to Oceanography	G 351	4		
Geomorphic Processes	G 374	4		
Ground Water Geology	G 443	4		
Soil Geomorphology	G 460	4		
Environmental Geology	G 461	4		
Environment & History	HST 339	4		
Amer. Environ History	HST 440,441	4,4		
Earth's Atmosphere: Global Change & Human Life	PH 375			
Environmental Health	PHE 443	4		
Environmental Ethics	PHL 310	4		
Politics in the Environ	PS 319	4		
Int'l Environ Pols & Law	PS 449	4		
Pop.Trends & Policy	SOC 341	4		
Environ Sociology	SOC 465	4		
Intro to Urban Planning	USP 311	4		
Urban Plan: Env Issues	USP 313	4		
Population & Society	USP 419	4		
Land Use: Legal Aspects	USP 455	4		

General Education (45 Credits)

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

Electives	Credits	Plan	Done

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