

Environmental Science Degree Checklist (Effective Catalog Year: Fall, 2015)

Name: _____ Student ID: _____ Advisor: _____

Environmental Science Core (68 Credits):

Core (52)				
Course Title	Course #	Credits	Plan	Done
Orientation to ESM	ESM 150	1		
Intro Environ Science	ESM 220	4		
Applied Env 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		
Env Risk Assessment	ESM 322	4		
Env Risk Assessment Lab	ESM 325	2		
Intro to Env Mgmt	ESM 335	4		
Environmental Seminar	ESM 407	1		
Advanced Environmental Topics	ESM 410- 499	4		
Advanced Environmental Topics	ESM 410- 499	4		
Advanced Environmental Topics	ESM 410- 499	4		
Advanced Environmental Topics	ESM 410- 499	4		
Note: ESM 404 can substitute for 4 credits of the 410-499 requirement.				
Environmental Science Topical Area* (16)				
Advanced Environmental Topics	ESM 410- 499	4		
Advanced Environmental Topics	ESM 410- 499	4		
Advanced Environmental Topics	ESM 410- 499	4		
Advanced Environmental Topics	ESM 410- 499	4		

*Students must complete 16 credits of supporting courses selected from an approved list of courses available on the department Web site < <http://www.pdx.edu/esm/file/841>>.

Electives (17-18 credits)

Electives	Credits	Plan	Done

Foundation Courses (49-50 Credits):

Course Title	Course #	Credits	Plan	Done
Intro Prob. & Stats I	STAT 243	4		
Intro Prob. & Stats II	STAT 244	4		
or				
Intro Prob. & 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 211	5		
Principles of Biology	BI 212	5		
Principles of Biology	BI 213	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 Env Issues	EC 332	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				

Note: This is a list of current recommendations. Please see the PSU Bulletin <<http://www.pdx.edu/academic-affairs/psu-bulletin>> for a complete list of courses that may count and course descriptions and the degree map <<http://www.pdx.edu/undergraduate-programs>>