

**Bloomsburg University - Department of Geography and Geosciences
Bachelor of Science in Geosciences - Environmental Science**

Courses	Cr.	Taken:	Courses	Cr.	Taken:
Required Courses	67		General Education - Total Credits:	32	
41.105 Environmental Issues & Choices	3	_____	Communication¹ - 9 Credits		
51.100 Environmental Geology	3	_____	1) 20.101 Composition 1	3	_____
51.120 Physical Geology & 51.121 Physical Geology Lab	4	_____	2) 41.240 Writing Env. Careers (suggested 2nd writing course)	3	_____
51.255 Meteorology	3	_____	3) _____	3	_____
51.259 Oceanography	3	_____	Quantitative - Satisfied 53.109,112,113,123,125,126 or 141		
50.114 Concepts Biology I	4	_____	Values - Satisfied by major requirement 41.105		
50.115 Concepts Biology II	4	_____	Fitness - 2 Credits		
52.115 Chemistry for Sciences I	4	_____	1) _____	1	_____
52.116 Chemistry for Sciences II	4	_____	2) _____	1	_____
54.111 Introductory Physics I or 54.211 General Physics I	4	_____	Group A (Humanities)¹ - 9 additional Credits		
51.260 Earth Materials	4	_____	1) _____	3	_____
Select one of the following:	3		2) _____	3	_____
50.212 Vertebrate Zoology, 50.252 Field Zoology, 50.253 Freshwater Biology, 50.351 General Ecology, 55.250 Wetlands Ecology, 55.260 Marine Ecology			3) _____	3	_____
1) _____			4) _____	3	_____
Select at least 3 of the following: (9-12 credits)	12		Group B (Social Sciences) - 12 Credits		
51.265 Geomorphology (4), 51.320 Remote Sensing (3), 51.360 Intro Paleontology (4), 51.369 Structural Geology (4), 51.370 Surface Hydro (3), 51.460 Aqueous Geochem (4), 51.368 Stratigraphy & Sedimentation (4), 51.470 Groundwater Hydro (3), 51.480 Geophysics (4), 51.496 Intern Earth Sci (3) Up to 9 credits Approved Marine Sci Courses may be applied to degree			1) Satisfied by 1 "41" course major elective		
1) _____			2) _____	3	_____
2) _____			3) _____	3	_____
3) _____			4) _____	3	_____
4) _____			Group C (Nat. Sci. & Math) - 0 Additional Credits		
Select Two of the following (6-7 credits)	6		Satisfied by Major requirements: 51.120, 50.114, 50.115, 54.111		
41.242 Map Skills (3), 41.258 Env Conservation (3), 41.260 Geographic Info Sys I (3), 41.301 Water Resources (3), 41.302 Land Resources (3), 41.303 Soil Resources (4), 41.304 Environmental Evaluation (3), 41.460 Geographic Info Sys II (3)			Free Electives²	20	
1) _____			1) _____	3	_____
2) _____			2) _____	3	_____
Select 2 Courses:	6		3) _____	3	_____
53.109 College Algebra or 53.112 Trigonometry (not both), 53.113 Precalculus, 53.123 Essentials Calculus, 53.125 Calculus I, 53.126 Calculus II, 53.141 Intro Statistics			4) _____	3	_____
1) _____			5) _____	3	_____
2) _____			6) _____	3	_____
			7) _____	2	_____
			8) _____		
			Optional 09.100 University Seminar³	1	
			TOTAL CREDITS FOR PROGRAM	120	
			Two Approved Diversity Courses⁴		
			1) _____		
			2) _____		

Note 1: One Communications or Values course may also count as Group A or B.
Note 2: Free Elective credits vary based on major elective choices.

Note 3: If 09.100 not taken, then take additional Free Elective Credit.
Note 4: Two Major, General Ed. or Elective Courses selected must also qualify as Diversity Courses; see approved list in catalog and consult advisor.