

**INTEGRATED ENVIRONMENTAL SCIENCE SAMPLE 4-YEAR PLAN
LIFE SCIENCE CONCENTRATION**

	FALL	Credits	SPRING	Credits
Freshman	CHEM 111: Fundamentals of Chemistry I	4	BIOL 120: Integrative Biology ^o	4
	LSEM 100: Longwood Seminar	1	CHEM 112: Fundamentals of Chemistry II*	4
	MATH 171: Statistical Decision Making**	3	Foreign Language (101, 102, 105 or 201)	3-5
	ENGL 150: Writing and Research	3	ECON 217: Principles of Economics (Micro)**	3
	ENSC 101: Intro to Integrated Env. Sci. ^o	3		
		14		14-16
Sophomore	EASC 211: Environmental Geology	4	EASC 212: Atmospheric Science	4
	BIOL 250: Intro to Genetics & Cell Biology* ^o OR BIOL 251: Intro to Ecology & Evolution* ^o	4	ENSC 201: Integrated Env. Investigations ^o	4
	MATH 301: Applied Statistics*	3	Foreign Language or GNED Goal Course	3
	Foreign Language (102, 201)	3	BIOL 250: Intro to Genetics & Cell Biology* ^o OR BIOL 251: Intro to Ecology & Evolution* ^o	4
		14		15
Junior	ENSC 340: Global Environmental Issues* ⁺ ^o	3	PHYS 103: Conceptual Physics	4
	EASC/GEOG 275: Intro to GIS	4	ENSC 380: Intro to Law and Policy	3
	BIOL 288: Sophomore Seminar ^o	3	GNED Goal Course	3
	PHED 101 or RECR 101	2	PHIL 316: Environmental Ethics	3
	COMM 101: Public Speaking	3	ENSC 492, 496 or 498	1
	15		14	
Senior	ENSC 401: Env. Planning and Management* ⁺ ^o	4	ENSC 402: Env. Decision Making* ⁺ ^o	3
	Life Science Concentration Elective*	4	Life Science Concentration Elective*	4
	GNED Goal Course	3	ENGL 400 or GNED 400	3
	GNED Goal Course or Elective	3	GNED Goal Course or Elective	3
	GNED Goal Course or Elective	3	GNED Goal Course or Elective	3
	17		16	

Note: Students may need additional electives to meet University 120 credit minimum requirement.

* Prerequisite(s) are required for these courses

** Students not as comfortable in math may switch these two courses

^o These courses MUST be taken in the semester that they are listed

⁺ Speaking Intensive course

[‡] Writing Intensive course