

Environmental Science – Environmental Science Track

Recommended Four-Year Plan (Fall 2012)

This recommended four-year plan is designed to provide a blueprint for students to complete their degrees within four years. These plans are the recommended sequences of courses. Students must meet with their Major Advisor to develop a more individualized plan to complete their degree. This plan assumes that no developmental courses are required. If developmental courses are needed, students may have additional requirements to fulfill which are not listed in the plan and degree completion may take longer.

NOTES: This recommended Four-Year Plan is applicable to students admitted into the major during the 2012-2013 academic year.

First Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
ENSC 103-Introduction to Environmental Science	4		GenEd: History	4	
GenEd: INTD 101-First Year Seminar	4		MATH 108-Elementary Probability & Statistics or MATH 121-Calculus I	4	
BIOL 110-Fundamentals of Biology I	4		GEOL 105-Fundamentals of Geology	4	
GenEd: CRWT 102-Critical Reading & Writing II	4		GenEd: SOSC 101-Social Issues	4	
Total:	16		Total:	16	

Second Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
CHEM 110-Fundamentals of Chemistry I	4		ENSC 210-Theoretical & Field Ecology	4	
GenEd: AIID 201-Readings in Humanities	4		CHEM 112-Fundamentals of Chemistry II	4	
Elective	4		GenEd: Topics in Arts & Humanities or Topics in Social Science	4	
School Core: Science in Cultural Perspectives Course (ENST 215/305/313/317)	4		PHYS 221-Environmental Physics	4	
Total:	16		Total:	16	

Third Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
ENSC 341-Environmental Chemistry I	4		GenEd: International Issues	4	
GEOL 326-Paleontology	4		ENSC 345-Ecological Research Design & Statistics	4	
GenEd: Intercultural North America	4		ENSC 342-Environmental Chemistry II	4	
Ecology/Field Biology/Natural Resource Elective*	4		Ecology/Field Biology/Natural Resource Elective*	4	
Total:	16		Total:	16	

Fourth Year					
Fall Semester	HRS	✓	Spring Semester	HRS	✓
ENSC 416-Ecological Field Research	4		ENSC 490-Topics (Capstone Course)	4	
Elective	4		Elective	4	
Elective	4		Elective	4	
Ecology/Field Biology/Natural Resource Elective*	4		Ecology/Field Biology/Natural Resource Elective*	4	
Total:	16		Total:	16	

Total Credits Required: 128 credits

GPA: 2.0

* Third and fourth years: sequencing of Gen Eds, free electives, and Ecology/Field Biology/Natural Resource Electives is a suggestion only. If Students take MATH 108, Students must take a total of 3 (three) Ecology/Field Biology/Natural Resource Electives. If Students take MATH 121, only two (2) Ecology/Field Biology/Natural Resource Electives are required. These electives are listed below the table.

Expected sequencing of Ecology/Field Biology/Natural Resource Electives (subject to change):

Fall 2012, 2014: BIOL 320-Field Botany

Spring 2013, 2015: GEOL 333-Environmental Geology

Summer 2013, 2015: GEOL 327-Geology of New Jersey

Fall 2013, 2015: ENSC 320-Avian Ecology

Spring 2014, 2016: NURS 411-Environmental & Occupational Health