

SAMPLE 4-YEAR PLAN: ENVIRONMENTAL SCIENCE B.S.

Northern Kentucky University

This is **one way** a student can complete this program in four years if the student requires no remedial courses.

MAJOR: Environmental Sciences

FIRST YEAR	Fall Semester		Spring Semester	
	The designated general education courses recommended should be taken in the first year.	BIO 150 Introduction to Biology I and BIO 150L Introduction to Biology I Laboratory	4	BIO 151 Introduction to Biology II and BIO 151L Introduction to Biology II Laboratory
CHE 120 General Chemistry I and CHE 120L General Chemistry I Laboratory		4	CHE 121 General Chemistry II and CHE 121L General Chemistry II Laboratory	4
ENV 110 Introduction to Environmental Science and Issues		3	GLY 120 This Dangerous Earth	3
ENV 115 Orientation to Environmental Science Careers		1	Gen Ed: Communication; Oral ¹	3
Gen Ed: Communication; Written I ¹		3		
TOTAL		15	TOTAL	14
SECOND YEAR	Fall Semester		Spring Semester	
In the spring semester, a minor elective may be exchanged with a general education course.	BIO 304 General Ecology	3	ENV 291W Advanced Writing in Environmental Science	3
	BIO 304L Ecology Laboratory	1	GEO 306 Environmental Resource Management	3
	CHE 310 Organic Chemistry I and CHE 310L Organic Chemistry I Laboratory	4	Gen Ed: Self and Society	3
	GEO 418 Geographic Information Systems	4	Gen Ed: Self and Society	3
	STA 205 Introduction to Statistical Methods	3	Gen Ed: Culture and Creativity	3
	TOTAL	15	TOTAL	15
THIRD YEAR	Fall Semester		Spring Semester	
Electives and general education courses may be exchanged from the third year on.	GLY 340 Introduction to Environmental Geoscience	3	ENV 494 Seminar: Environmental Science	1
	MAT 119 Pre-Calculus Mathematics	3	GLY 450 Hydrogeology	4
	Minor elective ²	4	Minor elective ²	4
	Gen Ed: Self and Society	3	Minor or major elective ²	3
	Gen Ed: Culture and Creativity	3	Gen Ed: Global Viewpoints	3
	TOTAL	16	TOTAL	15
FOURTH YEAR	Fall Semester		Spring Semester	
The internship/externship or directed research course maybe taken any time during the 3 rd or 4 th years.	Internship/Externship or Directed Research	3	PHY 213 General Physics with Laboratory II	5
	PHY 211 General Physics with Laboratory I	5	Elective ²	4
	Elective ²	4	Elective ²	3
	Elective ²	3	Elective ²	3

	TOTAL	15	TOTAL	15
			GRAND TOTAL OF CREDITS	120
<p><i>Notes:</i></p> <p><i>This plan is ONE way in which you can complete your degree program in four years; it is not the only way. It assumes that you do not have to take any developmental courses (courses numbered below 100). It also assumes that you are not a transfer student, and you are beginning in the fall.</i></p> <p>¹<i>Regarding general education, as shown on this plan, the environmental science program highly recommends that you complete the written I and the oral communication classes during your first year. Program requirements will take care of the written II and scientific and quantitative inquiry requirements. How you sequence the remainder of the general education program is up to you.</i></p> <p>²<i>Be sure that you complete at least 45 credits at the 300 level or above. Completion of the bare minimum for the one of the required minors (biological sciences, chemistry, geology, or geography) is not sufficient to meet this requirement; you will need an additional 11-14 hours at the 300 level or above. These can be taken from the department of the required minor or elsewhere.</i></p>				