

**BACHELOR of SCIENCE (B.S.) in Environmental Science (2023-2024)
ENVB**

Four-Year Degree Plan

WRITING INTENSIVE PROGRAM: Students must complete a combined total of 9 credit hours of Writing Enriched (WE) and Writing in the Discipline (WD) coursework. One course must be a WD course (of any number of credits) and can be BIO 4700 or any other WD course. BIO 4320 (see page 2) will count as 4 WE hours, so you will need at least 2 more hours of WE or WD coursework, which can come from any discipline. Double majors need only fulfill the Writing Intensive Program requirement once. It is recommended that you “double dip” by taking a Biology elective or General Education Requirement that is also designated as WE. NOTE: Successful completion (grade of “C” or better) of ENG 1050 is a prerequisite for all WE or WD courses.

INDIGENOUS CULTURES AND COMMUNITIES (ICC) - Students entering the university in Fall 2023 or later shall complete the ICC requirement for graduation. Students may satisfy this requirement by completing two 3-credit hour ICC-designated courses. Students who transfer over 60 or more hours shall complete one 3-credit hour ICC course. BIO 4320 (see page 2) will count as 4 ICC hours. Designated ICC courses can satisfy other graduation requirements such as General Education and/or Writing Intensive Program requirements (see above); it is possible to “double dip” or even “triple dip” (e.g., MUS 1210 may satisfy a Fine Arts, WE, and ICC requirement).

ALL GENERAL EDUCATION COURSES CAN BE INTERCHANGED

*C or higher is required in BIO 1000 to matriculate to other BIO Courses in the major.

**Biology/Environmental Science Electives choose from: ENV 2400, 4100, BIO 2500, 3010, 3400, 4100, 4220, 4310. Sustainable Agriculture Elective track: ENV 2450, 3250, 4200.

***Geology Electives include: GLY 1150, 2260, 2460, 2620, GGY 2500, 2700, 4040

QPA Requirements for Baccalaureate Graduation: “Have a minimum overall cumulative quality point average of 2.0 and have a minimum cumulative quality point average of 2.0 in all work attempted at the University of North Carolina at Pembroke; Have a minimum overall cumulative quality point average of 2.0 in the major field of study.”

This degree is intended to prepare students for the workforce. Students who wish to pursue graduate school may need to take additional coursework and should consult their advisors.

Freshman Year							
Fall				Spring			
	Course Number	Course Title	Credits		Course Number	Course Title	Credits
	UNV 1000	Freshman Seminar	1		ENG 1060	Composition II	3
	ENG 1050	Composition 1	3		General Education	Physical Education	1
	MAT 1070	College Algebra	3		MAT 2100	Introduction to Statistics	3
	BIO 1000*	Principles of Biology	3		General Education	History	3
	General Education	Fine Art	3		General Education	Social Science	3
	General Education	Social Science	3		General Education	Elective	3
Total Credits			16	Total Credits			16

Sophomore Year						
Fall				Spring		
Course Number	Course Title	Credits		Course Number	Course Title	Credits
CHM 1300	General Chemistry I	3		BIO 3040	Principles of Ecology	4
CHM 1100	General Chemistry I Laboratory	1		ENV 2300 (spring only)	Field Zoology	4
ENV 2200 (fall only)	Field Botany	4		CHM 1310	General Chemistry II Lecture	3
General Education	Physical Education	1		CHM 1110	General Chemistry II Laboratory	1
General Education	Literature	3		General Education	Philosophy or Religion	3
General Education	Social Science	3				
Total Credits		15		Total Credits		15

Junior Year						
Fall				Spring		
Course Number	Course Title	Credits		Course Number	Course Title	Credits
ENV 3100 (fall only)	Freshwater Ecosystems and Watershed Management	4		Biology/Environmental Science/Sustainable Agriculture Elective Course**		3-4
Biology/Environmental Science/Sustainable Agriculture Elective Course**		3-4		University Wide Elective		3
Geology Electives***		3-4		Geology Electives***		3
University Wide Elective		3		ENV 3200 (spring of odd years only)	Soils and Hydrology	4
University Wide Elective		3		University Wide Elective		3
Total Credits		16-17		Total Credits		16-17

Senior Year						
Fall				Spring		
Course Number	Course Title	Credits		Course Number	Course Title	Credits
Biology/Environmental Science/Sustainable Agriculture Elective Course**		3-4		ENV 4900	Internship	3
BIO 4320 WE (fall only)	Conservation Biology	4		BIO 3420 (spring only)	Pollution Ecology	3
University Wide Electives		3		BIO 4700 (WD)	Reading and Writing in the Sciences	3
University Wide Elective		3		Geology Elective***		3
				University Wide Electives		3
Total Credits		13-14		Total Credits		15

