IMPORTANT: This document is meant to serve as an example and a planning tool. It is *not* a substitute for meeting with your academic advisor. Be sure to review your course plans with your advisor and check DegreeWorks regularly to keep track of your progress toward graduation.

The course scheduling details shared here are for planning purposes only. They do not guarantee when or how often specific courses will be offered. Course offerings can change depending on faculty availability and student demand. For the most up-to-date and accurate information, always check the online course schedule and consult with your academic advisor.

Keep in mind that there are many different ways to complete a major or program of study, including opportunities like study away or other special options. Your advisor can help you design an academic pathway that best fits your goals and interests.

Environmental Science (Biology Concentration) Major Pathway

Year	Fall Semester	Spring Semester	Important Notes
First	FYE		• CHEM 153 (fall) and BIO 114 (fall) can be taken together, or CHEM153 can be taken fall year two • AP credit can be used to satisfy: CHEM 153, BIO 114, BIO 201 • BIO201 can be taken any year
	CHEM 153 Chemical Principles		
	BIO 114 Intro to Biological Sciences		
Second	Sophomore Experience	CHEM232	• CHEM 232 (spring); CHEM 153 is a prerequisite • SE course should be completed year two • BIO241 or other statistics course (fall or spring) can be taken any year • BIO215 Ecology (BIO114 is a prerequisite)
		Elective	
	BIO215 Ecology		
	BIO201 Environmental Science		
Third	PHYS160 Geology	Elective	• Electives: Of these, at least **two** courses must be at the 300 level ○ BIO200 - Research Experience in Biology (must be taken concurrently with BIO 202 Science Communication In Biology) ○ BIO211 - Genetics ○ BIO 26 - Comparative Animal Behavior or ○ PSY226 - Comparative Animal Behavior ○ BIO231 - Marine Biology ○ BIO261 - Economic Botany ○ BIO303 - Evolution
	BIO241 Biological Data Analysis	PHYS 165 Climate Change Past and Present	

			○ BIO 18 - Tropical Field Biology ○ BIO360 or ENV 360 Conservation Science ○ BIO364 - Freshwater and Marine Botany ○ BIO375 - Ornithology ○ BIO 398 - Microbial Evolution ○ BIO398 - Mycology ○ CHEM254 - Organic Chemistry II ○ CHEM321 - Chemistry of Natural Waters ○ CHEM332 - Instrumental Analysis ○ PHYS227 - Remote Sensing ○ PHYS228 - Scientific Computing
Fourth	Capstone (CHEM 400, BIO 400, Independent Research) Chemistry Senior Seminar	Elective	● CAPSTONE to be taken senior year fall or spring ● CHEM 303 (fall) CHEM 232 is a prerequisite; can be taken in the fourth year
	CHEM303 Current Problems in Environmental Chemistry	Elective	