

## **Environmental Science, B.S.**

2022-2023 Catalog

**Academic Advising Center** 

2nd Floor Lanier Hall 478-445-2361 advising@gcsu.edu

The recommended four-year plan is designed to provide a blueprint for students to complete their degrees within four years. These plans include the recommended sequences of courses. Individual plans will vary based on previously earned credit such as Dual Enrollment and AP credit as well as student's academic goals. Students will work with an Academic Advisor to develop a more individualized plan to complete their degree.

The GC Journeys Program will transform your way of thinking and experiencing college. By participating in five inside and outside the classroom transformative experiences during your time at Georgia College, you will step outside of your usual surroundings, gain authentic experiences, solve problems, become a leader, participate in real-world settings and put ideas into action.

All students will complete the First-Year Experience, Career Planning Milestones, and a Capstone course in your major. Students will choose two additional experiences from: Intensive Leadership Experiences, Mentored Undergraduate Research, Community-Based Engaged Learning, Internships, and Study Abroad/Study Away.

This recommended Four-Year Plan is applicable to students admitted during the 2022-2023 academic year.

Total Credits Required: 120 credits

Required GPA for Graduation: 2.0 (overall)

Courses requiring a C or better are denoted with a star (\*)

Legend is available on the last page of this document.

			1	/ea	r 1				
	Fall	Spring							
Course	Title	Hours	Area	✓	Course	Title	Hours	Area	<b>√</b>
GCSU 0001	First- Year Seminar	1			BIOL 1108*	Principles of Biology II	3	F	
ENGL 1101*	English Composition I	3	Α		BIOL 1108L*	Principles of Biology II Lab	1	F	
BIOL 1107*	Principles of Biology I	3	F		ENGL 1102*	English Composition II	3	Α	
BIOL 1107L*	Principles of Biology I Lab	1	F		GEOL 1121*	Physical Geology	3	F	
ENSC 1000*	Intro to Environmental Science	3	D/Cognate		GEOL 1121L*	Physical Geology Lab	1	F	
ENSC 1000L*	Intro to Environmental Science Lab	1	D/Cognate		Area A Math	Any Area A MATH option	3	Α	
GC1Y 1000	Critical Thinking	3	В						
	Semester Hours	15				Semester Hours	14		
Summer	Area A Math, BIOL 1107/L, BIOL 1108/	are offer	ed in summer.						
Notes:	Area A and GC1Y 1000 must be completed by 30 earned hours. First-Year Seminar does not count toward 120 hours required for graduation.								

	Year 2										
	Fall					Spring					
Course	Title	Hours	Area	✓	Course	Title	Hours	Area	<b>✓</b>		
BIOL 2800*	Ecology	4	F		ENSC 2000*	Environmental Methods & Measures	3	F			
CHEM 1211K*	Principles of Chemistry I	4	D/Cognate		CHEM 1212K*	Principles of Chemistry II	4	D/Cognate			
Core Choice	Area C1 Humanities & Ethics	3	core		GC2Y 2000	Global Perspectives	4	В			
Core Choice	Area E Social Science Choice 1	3	core		Core Choice	Area E Social Science Choice 2	3	Core			
MATH 1401*	Probability & Statistics	3	D/Cognate								
	Semester Hours 17					Semester Hours	14				
				•	-		•				

**Student must complete a Foreign Language** at the 1002 level or higher. Complete the WebCape (https://www.gcsu.edu/artsandsciences/wlc/testing) to determine placement for first course.

Notes:

GC2Y 2000 must be taken between 30-59 earned hours.

BIOL 2800 Must be taken between 30-59 earned hours.

	Year 3									
	Fall	Spring								
Course	Title	Hours	Area	✓	Course	Title	Hours	Area	<b>√</b>	
ENSC 3800*	Landscape Ecol/GIS	4	Major		ENSC 3050*	Envir. Problems & Sustainable Sol.	3	Major		
GEOL 4100*	Intro to Hydrology	4	Major		ENSC Course*	Upper Level (3000-4000) ENSC Course	3	Major		
ENSC Course*	Upper Level (3000-4000) ENSC Course	3	Major		PHYS 1111*	Intro to Physics I	3	Major		
Core Choice	Area C2 Fine Arts	3	Core		PHYS 1111L*	Intro to Physics I Lab	1	Major		
Foreign Lang*	Any Foreign Language 1001 Leve	3	F. Lang		Foreign Lang*	Any Foreign Language 1002 Level	3	F.lang		
					Core Choice	Area E Social Science Choice 3	3	Core		
	Semester Hours	17				Semester Hours	16		+	

ENSC 3800 fulfills GIS requirement; other option: GEOG 3100 (3 cred.).

GEOL 4100fulfills Hydro requirement; other option GEOL 4150.

Notes: PHYS 1111/L fulfills Quantitative requirement; other options: CHEM 2800/L, MATH 1261, MATH 1262.

Upper Level ENSC courses are student's choice. They can be 3000 or 4000 level courses.

Electives can be in any discipline and any level (1000-4000; unless specified as UL)

	Year 4								
	Fall					Spring			
Course	Title	Hours	Area	✓	Course	Title	Hours	Area	<b>✓</b>
ENSC Course*	Upper Level (3000-4000) ENSC Course	4	Major		GEOL Course*	Upper Level (3000-4000) GEOL Course	4	Major	
CAPSTONE*	Capstone	3	Major		ENSC Course*	Upper Level (3000-4000) ENSC Course	4	Major	
GEOL Course*	Upper Level (3000-4000) GEOL Course	4	Major		Elective	Upper Level (3000-4000) Elective Course	3	Elec	
Elective	Elective Course any level	3	Elec		Elective	Upper Level (3000-4000) Elective Course	3	Elec	
Semester Hours 14 Semester Hours					14				
Notes:	Up to six (6) hours of research and/or internship hours can be counted in 18 hours of Upper Division BIOL coursework.  Capstone options: Course, Internship, Study Abroad or Research (research is 2 semesters).								

	Legend
Area	This section of the plan references the area of the curriculum the course fulfills.
Α	Core Area A: Communication and Quantitative Skills
В	Core Area B: Institutional Options
С	Core Area C: Humanities and Fine Arts
D	Core Area D: Science, Technology, and Math
E	Core Area E: Social Sciences
F	Core Area F: Major Directed Core
Major	Major Required Course
Elective (Elec)	Course(s) a student selects. Hours are needed meet overall graduation hours. Number of electives varies per major. Electives can be used towards GC Journeys, minors, professional/graduate school pre-requisites or to take courses of interest.
Cognate	Cognate courses are required courses within a students curriculum. These courses are connected to the major but may be from other academic disciplines.