Biology, B.S. 2022-2023 Catalog

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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.

				Year 1						
	Fall					Spring				
Course	Title	Hours	Area	✓	Course	Title	Hours	Area	V	
GCSU 0001	First Year Academic Seminar: Biology	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		
BIOL1107L*	Principles of Biology I Lab	1	F		Core Choice	Area C1 Humanities	3	С		
MATH 1113*	Precalculus	3	Α		Core Choice	Area E Social Science Choice 1	3	Е		
GC1Y 1000	Critical Thinking	3	В		Math 1401*	Elementary Statistics	3	D		
	Semester Hours	14				Semester Hours	16			
Notes:	Area A and GC1Y 1000 must be com	pleted b	y 30 earned	hours.	<u> </u>	_				

	Year 2									
	Fall					Spring				
Course	Title	Hours	Area	✓	Course	Title	Hours	Area	✓	
BIOL 2100*	Genetics	4	F		BIOL 2800*	Ecology	4	F		
CHEM 1211K*	Principles of Chemistry I	4	D/Cognate		CHEM 1212K	Principles of Chemistry II	4	D/Cognate		
Core Choice	Area C2 Fine Arts	3	С		GC2Y 2000	Global Perspectives	4	В		
Core Choice	Area E Social Science Choice 2	3	E		Core Choice	Area E Social Science Choice 2	3	E		
ELEC XXXX	Elective	3	F							
	Semester Hours 17 Semester Hours 15									
Notes:	BIOL 2100, BIOL 2800, and GC2Y 20	00 must	be taken be	tween 30	-59 earned ho	urs.				

	Year 3									
	Fall					Spring				
Course	Title	Hours	Area	✓	Course	Title	Hours	Area	√	
BIOL 3200*	Cellular & Molecular Physiology	3	Major		BIOL 3000*	Seminar	2	Major		
BIOL 3400*	Organismal Physiology	3	Major		BIOL Course*	Upper Level (3000-4000) BIOL	3	Major		
CHEM 3361*	Organic Chemistry I	3	Cognate			Intro to Physics I	3	Cognate		
CHEM 3361L*	Organic Chemistry I Lab	1	Cognate		PHYS 1111L*	Intro to Physics I Lab	1	Cognate		
Foreign Lang*	Foreign Language 1001 Leve	3	F. Lang		Foreign Lang*	Foreign Language 1002 Level	3	Major		
BIOL 3700*	Evolution	3	Major		ELEC XXXX	Elective	3	Elec		
	Semester Hours 16 Semester Hours 15									
Notes:	Notes: Senior Capstone can only be completed when 90 or more credit hours have been earned.									

	Year 4									
	Fall					Spring				
Course	Title	Hours	Area	✓	Course	Title	Hours	Area	✓	
BIOL Course*	Upper Level (3000-4000) BIOL	4	Major		BIOL Course*	Upper Level (3000-4000) BIOL	4	Major		
BIOL Course*	Upper Level (3000-4000) BIOL	4	Major		BIOL Course*	Upper Level (3000-4000) BIOL	3	Major		
CAPSTONE*	Capstone	3	Major		ELEC 3XXX	Elective Course	3	Major		
ELEC XXXX	Elective Course	3	Elec		ELEC XXXX	Elective Course	3	Elec		
	Semester Hours					Semester Hours	13			

	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.