

<p>This chart is to be used as a reference guide only.</p> <p>Individual student charts are issued by the Offices of Admissions and Registrar.</p>	<p>Major: BIOLOGY with</p> <p>PRE -Engl Sec Lang & Teacher Students w/ Disabilities Endorsement◊</p>
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BRIDGE GENERAL EDUCATION: 42 - 49 CR	CRS	GR
Pathway to the Bridge (GEN101)	2	
Cornerstone: Discovering the Self (GEN199)▲	3	
Academic Writ & Research I (EN111)	3	
OR		
Honors Argument: Rhetoric & Research (EN221)	3	
History (US or World)	3	
Literature	3	
Philosophical Inquiry (PL245)	3	
Visual & Performing Arts	3	
Modern Language; Culture; Global	3	
Social Sciences■ PS221		
Social Sciences■	3	
Nat Sciences (w/lab) BI121		
Quantitative Analysis MA109 College Algebra	3	
Exp Learn (ED4210 or ED4299)	///	
COMMON INTELLECTUAL EXPERIENCE		
✎ Religious Studies	3	
✎ Ethics	3	
✎ Shaping Lives: Women & Gender (WS311)	3	
✎ Capstone: Visioning a Future (GEN400)	3	

■ Must select courses from two separate subject areas

STUDENTS ENTERING AS FRESHMEN:		
Complete all General Education requirements.		
Courses in BOLD print are required for the major.		
STUDENTS ENTERING AS TRANSFERS:		
_____ courses needed to complete gen ed requirements as follows:		
_____ 4 CIE courses marked with ✎.		
_____ courses in BOLD print (required for the major).		
_____ additional courses from gen ed categories not already filled.		
NJ Community College General Education Courses	CRS	GR

BIOLOGY - BA - 30 CRS**	CRS	GR
BI120 Biol Diversity & Phylogenetics	4	
BI121 CellOrganiz, Energ & Function	4	
BI201 Biol Lit	1	
BI204 Genetics & Evol	4	
BI305 Biol Interact: Ecol OR	4	
BI310 Ecology and Health	3	
BI443 Capstone in Biology: BA OR	2	
BI444 Capstone in Biology: BS	2	
Biology elective		
Biology elective		
Biology elective		
Biology elective		
Biology elective		
Biology elective		
Biology elective		
Major Field Test	///	P/F

**Students earning a BA in Biology must complete at least 9 credits of 300 or 400 level Biology courses.

ADDITIONAL MAJOR REQUIREMENTS	CRS	GR
CH113 Gen Chem I	4	
CH114 Gen Chem II	4	
CH223 Organic Chem I	4	
● Physics I	4	
● Physics II	4	

● Either PH111/112 or PH113/PH116 or PH121/122. Students electing PH113 must take MA110; Students electing PH121 must take MA115; MA110 or MA115 can be used in lieu of MA109 in Gen Ed if completed; Students preparing for professional careers or graduate school are strongly advised to take PH121/122.

WRITING INTENSIVE (WI) REQUIREMENT ▲	CRS	GR
Writing Intensive #1		
Writing Intensive #2		
Writing Intensive #3		
Capstone: Visioning a Future (GEN400)		

▲ GEN199 fulfills the Gen Ed Cornerstone and a WI req. Other WI courses may fulfill General Education, major, or minor requirements, or may be taken as general electives.

EDUCATION - 46 CRS	CRS	GR
ED3110 Ethics & Found Incl & Spec Educ	3	
PS245 Psychology Exceptional Child	3	
ED2999 Field Experience Special Ed	1	
ED3113 Instruct Design & Tech Integr ESL	3	
BE3026 Phonology & Struct Amer Engl	3	
BE3021 Second Language Acquisition	3	
BE3102 Theory,Prac,Meth Teach ESL/English Content	3	
ED3201 Educational Assessment	3	
BE3204 Develop Literacy Second Lang Learner	3	
ED3302 Accomod, Modif, & Asst Tech Disabilities	3	
ED3303 Evidence-Based Pract Instruct Autism	3	
ED4210 Collab Fam,Sch,Comm ESL & Spec Ed •	3	
ED4299 ESL Clinical Practice	9	
ED4300 Reflective Practice ESL & Spec Ed	3	

•Passing Praxis II scores req'd

SCHOOL OF EDUC PRE-REQUISITES	CRS	GR
PS221 Child & Adolescent Dev	3	
PS225 Educational Psych	3	

◊THIS CHART DOES NOT SIGNIFY ACCEPTANCE TO THE SCHOOL OF EDUCATION. STUDENTS MUST APPLY TO THE SCHOOL OF EDUCATION AFTER EARNING 60 CREDITS. SCHOOL OF EDUCATION CURRICULUM SUBJECT TO CHANGE.

2022-23 ACADEMIC YEAR MATRICULATION

Refer to GCU 2022-23 Undergraduate Catalog for current academic policies, details regarding major requirements and course descriptions.

Minimum 120 credits required for the degree; 30 credits must be taken at GCU. Transfer maximum is 90 credits, no more than 75 credits from two-year institutions, no more than 48 general elective credits.

Accepted credits will not be replaced after enrollment at GCU.