

This chart is to be used as a reference guide only.  
Individual student charts are issued by the Offices of Admissions and Registrar.

Major: **BIOLOGY** with  
PRE - Early Child Ed w/ Teacher Students w/ Disabilities Endorsement

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 <b>PS221</b>		
Social Sciences	3	
Nat Sciences (w/lab) <b>BI121</b>		
Quantitative Analysis <b>MA110 Precalc</b>	3	
Exp Learn ( <b>EE4212 or EE4302</b> )	///	
<b>COMMON INTELLECTUAL EXPERIENCE</b>		
<b>R</b> Religious Studies	3	
<b>R</b> Ethics	3	
<b>R</b> Shaping Lives: Women & Gender (WS311)	3	
<b>R</b> Capstone: Visioning a Future (GEN400)	3	

☑ Must select courses from two separate subject areas

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

BIOLOGY - BS - 40 CRS**	CRS	GR
<b>BI120</b> Biol Diversity & Phylogenetics	4	
<b>BI121</b> CellOrganiz, Energ & Function	4	
<b>BI201</b> Biol Lit	1	
<b>BI203</b> Experimental Design & Stats	3	
<b>BI204</b> Genetics & Evol	4	
<b>BI305</b> Biol Interact: Ecol <b>OR</b>	4	
<b>BI310</b> Ecology and Health	3	
<b>BI444</b> Capstone in Biology: BS	2	
Biology elective		
Biology elective		
Biology elective		
Biology elective		
Biology elective		
Biology elective		
Biology elective		
Biology elective		
Major Field Test	///	P/F

\*\*Students earning a BS in Biology must complete at least 12 credits of 300 or 400 level Biology courses.

ADDITIONAL MAJOR REQUIREMENTS	CRS	GR
<b>CH113</b> Gen Chem I	4	
<b>CH114</b> Gen Chem II	4	
<b>CH223</b> Organic Chem I	4	
<b>CH224</b> Organic Chem II	4	
● Physics I	4	
● Physics II	4	

● Either PH115/116 or PH121/122. Students electing PH115 must take MA110; Students electing PH121 must take MA115.

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
<b>ED3110</b> Ethics & Found Incl & Spec Ed	3	
<b>PS245</b> Psychology Exceptional Child	3	
<b>ED2999</b> Field Experience Special Ed	1	
<b>EE3114</b> Instruct Design & Tech Integr Incl ECE	3	
<b>EE3115</b> Instruct ELA and Literacy I	3	
<b>EE3218</b> Instruct in Literacy II and Soc Studies	3	
<b>EE3217</b> Numeracy Incl EC & Spec Ed	3	
<b>ED3201</b> Educational Assessment	3	
<b>EE3219</b> Sci & Tech in Incl ECE & Spec Ed	3	
<b>ED3302</b> Accomod, Modif, & Asst Tech Disabilities	3	
<b>ED3303</b> Evidence-Based Pract Instruct Autism	3	
<b>EE4212</b> Collab Fam, Sch, Comm EC & Spec Ed •	3	
<b>EE4302</b> Early Childhood Clinical Practice	9	
<b>EE4303</b> Reflective Practice EC & Spec Ed	3	

•Passing Praxis II scores req'd

SCHOOL OF EDUC PRE-REQUISITES	CRS	GR
<b>PS221</b> Child & Adolescent Dev	3	
<b>PS225</b> 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.