

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

Medical Laboratory Science Track

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☐	3	
Social Sciences☐	3	
Natural Sciences (w/lab) BI121		
Quantitative Analysis MA110 Precalculus	3/4	
Exp Learn BI401	///	
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:		
<u> 4 </u> 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 - BS	CRS	GR
BI121 CellOrganiz, Energ & Function	4	
BI201 Biological Literature	1	
BI204 Genetics & Evol	4	
BI213 Human Anat & Phys I	4	
BI214 Human Anat & Phys II	4	
BI219 Microbiology	4	
BI427 Immunology OR	4	
BI428 Fund of Immunology	3	
BI437 Biochemistry I	4	
BI444 Capstone in Biology: BS	2	
BI401 Internship I	16	
BI402 Internship II	16	

ADDITIONAL MAJOR REQUIREMENTS	CRS	GR
CH113 Gen Chem I	4	
CH114 Gen Chem II	4	
CH223 Organic Chem I	4	
CH224 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.

MAJOR REQUIREMENT - STATISTICS	CRS	GR
Choose 1 of the following:		
BI203 Experimental Des & Stats OR	3	
MA103 Statistical Thinking OR	3	
SO201 Social Statistics	3	

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.

ELECTIVES	CRS	GR

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.