





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	
Nat Sciences (w/lab) BI121		
Quantitative Analysis MA109 College Algebra	3	
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:
 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	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	
BI443 Capstone in Biology: BA OR	2	
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 PH111/112 or PH115/PH116 or PH121/122; Students electing PH115 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.

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.