

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 - Sec 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>MA109 College Algebra</b> | 3   |    |
| Exp Learn ( <b>ED4215 or ED4306</b> )              | /// |    |
| <b>COMMON INTELLECTUAL EXPERIENCE</b>              |     |    |
| 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 **PS**.  
\_\_\_\_\_ 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  |
|--|-----|-----|
| <b>BI120</b> Biol Diversity & Phylogenetics    | 4   |     |
| <b>BI121</b> CellOrganiz, Energ & Function     | 4   |     |
| <b>BI201</b> Biol Lit                          | 1   |     |
| <b>BI204</b> Genetics & Evol                   | 4   |     |
| <b>BI305</b> Biol Interact: Ecol <b>OR</b>     | 4   |     |
| <b>BI310</b> Ecology and Health                | 3   |     |
| <b>BI443</b> Capstone in Biology: BA <b>OR</b> | 2   |     |
| <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 BA in Biology must complete at least 9 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   |    |
| ●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.

| EDUCATION - 43 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>ED3120</b> Instruct Design & Tech Integr Incl Sec Ed | 3   |    |
| <b>ED3210</b> Instruct Literacy Incl Sec & Spec Ed      | 3   |    |
| <b>ED3213</b> Secondary Subj Instruct Science           | 3   |    |
| <b>ED3201</b> Educational Assessment                    | 3   |    |
| <b>ED3231</b> Instruct Technology in Science            | 3   |    |
| <b>ED3302</b> Accomod, Modif, & Asst Tech Disabilities  | 3   |    |
| <b>ED3303</b> Evidence-Based Pract Instruct Autism      | 3   |    |
| <b>ED4215</b> Collab Fam, Sch, Comm Sec & Spec Ed •     | 3   |    |
| <b>ED4306</b> Secondary Ed Clinical Practice            | 9   |    |
| <b>ED4307</b> Reflective Practice in Sec & Spec Ed      | 3   |    |

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

| ELECTIVES | CRS | GR |
|-----------|-----|----|
|           |     |    |
|           |     |    |

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.