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

Major: EXERCISE SCIENCE, WELLNESS & SPORTS
Concentration: EXERCISE SCIENCE

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) Bi111 or Bi121		
Quantitative Analysis MA109 College Algebra ♦	3	
Exp Learn (ES390)	///	
COMMON INTELLECTUAL EXPERIENCE	E	
Religious Studies	3	
Ethics	3	
Shaping Lives: Women & Gender (WS311)	3	
Capstone: Visioning a Future (GEN400)	3	
Must select courses from two senarate subject areas		'

■IVIUST Select courses from two separate subject area	ıs
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STUDENTS	ENTERING AS	FRESHMEN:
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Complete all General Education requirements.

Courses in **BOLD** print are required for the major.

STUDENTS	ENTERING AS	TRANSFERS:
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_ courses needed to complete gen ed requirements as follows:

- 4 CIE courses marked with E.
- ____ courses in **BOLD** print (required for the major).
- additional courses from gen ed categories not already filled.

NJ Community College General Education Courses		GR

1	EXERCISE SCIENCE, WELLNESS & SPORTS - BS - 36 CRS *		
]	Exercise Science Requirements	CRS	GR
	ES100 Exploration of Exercise Sci	1	
	ES111 Found of Exercise Sci & Wellness	3	
	ES220 Introduction to Nutrition	3	
J	ES251 Biomechanics●	3	
]	ES252 Kinesiology & Applied Anatomy	3	
Ī	ES330 Exercise Physiology	4	
	ES350 Exercise Testing & Prescription	4	
Ī	ES470 Research Methods Exer & Sport	3	
Ī	ES390 Internship I	3	
Ī	ES391 Internship II ▶	3	
Ī	SIX CREDITS EXERCISE SCIENCE ELECTIVES		
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7			

- ES251 can be substituted with PH111/112 or PH115/PH116 or PH121/122.
- ► ES391 can be substituted with ES392 Coaching Internship or ES471 Research Project in Exercise Science.

ADDITIONAL MAJOR REQUIREMENTS		CRS	GR
BI111 Life: Human Bio)R	4	
BI121 CellOrganiz, Energ & Function		4	
BI203 Experimental Design & Stats		3	
BI213 Human Anat & Physio I		4	
BI214 Human Anat & Physio II		4	
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Choice Of:

CH151 Chem for Health Sci	4	
OR		
CH113 General Chemistry I	4	
CH114 General Chemistry II	4	·

- ◆ Evidence of Algebra proficiency may replace MA109. If MA109 is waived another Math course higher than MA109 must be taken to fulfill the Gen Ed requirement.
- * Transfer students are required to take a minimum of 14 ES credits at GCU, and a minimum of 23 credits including the interdisciplinary courses required for the major.

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 OR Optional Tracks/Concentrations ●	CRS	GR

- Coaching ES111, ES160, ES211, ES320 or IH310, ES360, ES392, PS242 or ES310
- Pre-Physical Therapy Bl121, CH113/114, MA110 or MA115, PH115/116 or PH121/122, PS111 or PS113, PS223, and any of the following: Bl204, Bl219, or Bl407.
- Usciences Pre-D.P.T. BI121, BI203, BI204, CH113/CH114, PH115/116, MA115 or MA110 and MA109, MA209, or MA210, PS111 or PS113, SO101, HRP200, any additional psychology course, any additional social science course, satisfactory completion of GCU Writing Requirement, and satisfactory completion of EN111 or EN221 and any additional English course higher than EN111.
- Pre-Occupational Therapy PS111 or PS113, SO101, PS223, PS227
- Pre-Physician Asst. BI204, BI219, CH113/114, CH223, HRP200, PS111 or PS113

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.

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