

**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
with PRE-D.P.T. USciences
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 SO101 Prin of Soc	3	
Social Sciences PS111 Intro or PS113 Foundations	3	
Nat Sciences (w/lab) BI121 Cell Organiz	4	
Quantitative Analysis BI203 Exp Des & Stats		
Exp Learn (ES390)	///	
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

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

SIX CREDITS EXERCISE SCIENCE ELECTIVES		

● PH111/112 or PH121/122 may substitute for ES251

► ES392 or ES471 may substitute for ES391

ADDITIONAL MAJOR REQUIREMENTS	CRS	GR
BI203 Experimental Design & Stats	3	
BI204 Genetics & Evol	4	
BI213 Human Anat & Physio I	4	
BI214 Human Anat & Physio II	4	
CH113 General Chemistry I	4	
CH114 General Chemistry II	4	
HRP200 Medical Terminology	3	
Physics I ☼	4	
Physics II ☼	4	
Social Science ♦	3	
Social Science ♦	3	
EN Elective □	3	

Choice Of:

MA115 Calculus	4	
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OR

MA110 Precalculus	3	
MA109 Coll. Algebra, MA209 Linear Algebra, or MA210 Discrete Math	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.

◆ Courses may not be double dipped with general education requirements. At least one course must be a Psychology course.

■ Course may double dip with general education requirements. Course must be any English course higher than EN111, except for EN221.

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

Electives OR Optional Tracks/Concentrations●		

● Coaching - ES111, ES160, ES211, ES320 or IH310, ES360, ES392, PS242 or ES310

● Pre-Physical Therapy - BI121, CH113/114, MA110 or MA115, PH121/122, PS111 or PS113, PS223, and any of the following: BI204, BI219, or BI407

● 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.