

## BIOLOGY – Physical Therapy (4+3 Program)

### BS DEGREE – 32 COURSE UNITS

#### MAJOR COURSE REQUIREMENTS

Fulfill via completion of course requirements in three categories.

Core Courses	Major Options	Correlate Courses
BIO 099 – Orientation to Biology (zero course units)	BIO 301 - Human anatomy & Physiology I	CHE 201 – General Chemistry I
BIO 201 – Foundations of Biological Inquiry	Biology option course	CHE 202 – General Chemistry II
BIO 211 – Cell Biology and Biochemistry	Biology option course	CHE 331 – Organic Chemistry I
BIO 221 – Ecology & Field Biology	Biology option course	CHE 332 – Organic Chemistry II
BIO 231 – Genetics	Organisms & Evolution biology option course	PHY 121 or PHY 201 - Physics I
BIO 498 – Biology Seminar (Capstone)		PHY 122 or PHY 202 - Physics II
		MAT 127 – Calculus A
		STA 215 – Statistical Inference

#### THE COLLEGE CORE BREADTH REQUIREMENT

Fulfill via completing course requirements in one of five options.\*

##### **Option 1: Menu option of Multidisciplinary Perspectives**

Arts & Humanities	Social Science	Multidisciplinary Perspectives
Literary, Visual, or Performing Arts	PSY 101 General Psychology (DPT requirement)	Natural Sciences - BIO 201
Belief Systems	Historical Perspectives	Quantitative Reasoning - MAT 127
Literary, Visual, or Performing Arts or Belief Systems	Behavioral, Social, or Cultural Perspectives or Historical Perspectives	Natural Sciences or Quantitative Reasoning - CHE 202

##### **Option 2: Interdisciplinary Concentrations      Option 3: Dual Major      Option 4: Double Major Option 5: Self-Designed Major or Interdisciplinary Concentration**

\* <https://collegecore.tcnj.edu/multidisciplinary-perspectives/>

#### SOCIAL JUSTICE, PROFICIENCIES & ELECTIVES

Fulfill via completion of course requirements in three categories.

Social Justice	Intellectual & Scholarly Growth	Electives
FYC 100 – First-Year Community Engagement (zero course units)	IDS 102 – Information Literacy (online tutorial in Canvas; zero course units)	BIO 302 - Human Anatomy & Physiology II (DPT requirement)
Gender and Sexuality	First-Year Writing (if needed)	Elective courses as needed to reach 32 course units
Global Perspectives	First-Year Seminar	
Race & Ethnicity	Second Language (0-3 courses, depending upon background and placement)	

Note: The full list of graduation requirements can be found in the College bulletin and in PAWS.

*Effective Spring 2024*