

**BIOLOGY – LIBERAL ARTS**  
**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)	Biology option course	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 201 – General Physics I
BIO 498 – Biology Seminar (Capstone)		MAT 127 – Calculus A
		One of the following: MAT 128 – Calculus B MAT 200 – Discrete Mathematics STA 215 – Statistical Inference

**LIBERAL LEARNING REQUIREMENTS**

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

**Option 1: Menu option of Broad Areas of Human Inquiry**

Arts & Humanities	Social Science & History	Natural Science & Quantitative Reasoning
Literary, Visual, or Performing Arts	Behavioral, Social, or Cultural Perspectives	Natural Science - BIO 201
World Views and Ways of Knowing	Social Changes in Historical Perspective	Quantitative Reasoning - MAT 127
Literary, Visual, or Performing Arts or World Views and Ways of Knowing	Behavioral, Social, or Cultural Perspectives or Social Changes in Historical Perspective	N.S. or Q.R. - CHE 202

**Option 2: Interdisciplinary Concentration**

**Option 3: Dual Major**

**Option 4: Double Major**

**Option 5: Self-Designed Major or Interdisciplinary Concentration**

\* <https://liberallearning.tcnj.edu/broad-areas-of-human-inquiry-2/>

**CIVIC RESPONSIBILITIES, PROFICIENCIES & ELECTIVES**

Fulfill via completion of course requirements in three categories.

Civic Responsibilities	Intellectual & Scholarly Growth	Electives
FYC 100 – Community Engaged Learning (zero course units)	IDS 102 – Information Literacy (online tutorial; zero course units)	Elective courses as needed to reach 32 course units
Gender	First-Year Writing (if needed)	
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.