

BIOLOGY – SPECIAL EDUCATION

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	PHY 103 – Physical, Earth, and Space Sciences
BIO 221 – Ecology & Field Biology	Organisms & Evolution biology option course	MAT 127 – Calculus A
BIO 231 – Genetics		MAT 105 – Mathematical Structures and Algorithms for Educators I; <u>OR</u> MAT 106 – Mathematical Structures and Algorithms for Educators II
BIO 498 – Biology Seminar (Capstone)		
SPE 099 -- Orientation to Special Education (zero course units)		
MTT 202 – Teaching Math in EC/Elem/Mid School		
MST 202 – Methods of Teaching Science, Health, and Technology		
RAL 220 – Lit Strategies, Assessment & Instruction – SPED		
RAL 225 – Children’s Literature		
RAL 320 – Literacy Learning across the Curriculum		
SLP 102 – Language, Speech and Communication Development		
SPE 103 – Social & Legal Foundations of Special Education		
SPE 203 – Psych Development of Children & Adolescents		
SPE 214 – Exploring Classroom Communities		
SPE 322 – Inclusive Practices		
SPE 324 – Teaching Students with Severe Disabilities		
SPE 490: Clinical I		

THE COLLEGE CORE BREADTH REQUIREMENTS

Fulfill via completing course requirements via the double major College Core option.*

Option 4: Double Major

Arts & Humanities	Social Science	Multidisciplinary Perspectives
RAL 225 – Children’s Literature <i>(included in major courses)</i>	SPE 103 – Social & Legal Foundations of Special Education <i>(included in major courses)</i>	Natural Science - BIO 201
Visual or Performing Arts course from approved list	US history course from approved list	Quantitative Reasoning - MAT 127

* <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)	Elective courses as needed to reach 32 course units
Gender and Sexuality	First-Year Writing (if needed)	
Global Perspectives	First-Year Seminar	
Race & Ethnicity		

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

Effective Fall 2023