PRESBYTERIAN COLLEGE
MAJOR CARD (JUNIOR & SENIOR YEARS)

Name: _____ **ID**: _____
Last **First** **Middle** **ID Number**

Expected Date of Graduation: _____

Degree sought: BS Major: Computational Biology and Bioinformatics (CBIO)
ANY substitution to this program of study requires advanced written approval from the Department Chair and must be on file in the Registrar's Office PRIOR to completion of the substitution.

1. BIOLOGY CORE COURSES:	Grade	S.H.	Q.P.	Courses required for major	Grade	S.H.	Q.P.
BIOL 1150, 1150L Biological Concepts		3,1		**GROUP II: Select two from the following:**			
*BIOL 1151, 1151L Organismal Biology		3,1		BCHE 307, 307L Biochemistry I		3,1	
BIOL 2002 Seminar in Biol Primary Lit		1		BCHE 308 Biochemistry II		4	
BIOL 2340 Genetics		4		BCHE/BIOL 3210 Molecular Biology		4	
BIOL 3360 Bioinformatics		3		BIOL 2120 Evolution		4	
BIOL 3990 Scientific Writing & Presentation		2		BIOL 3060 Microbiology		4	
DATA 371 Intro to Data Analytics		3					
DATA 372 Applied Analytics		3		**GROUP III: Select one from the following:**			
CBIO 3370 Bioinformatics Algorithms		3		DATA 372 Applied Analytics		3	
CBIO 4010 Computation Biology Capstone		3		BADM 333 Database Proc & Design		3	
CHEM 101, 101L General Chemistry I		3,1					
CHEM 102, 102L General Chemistry II		3,1		**GROUP IV: Select one from the following:**			
CSC 2200 Program Design I		3		CSC 2100 Comp Methods for Science & Math		3	
MATH 201 Calculus I & Analytical Geometry		3		CSC 2255 Program Design II		3	
MATH 202 Calculus II		3		CSC 3500/MATH 350 Numerical Methods		3	
MATH 210 Data Analysis & Stat Computing		3		PHYS 3900 Data Analytics & Num Modeling		3	
GROUP I: Select one from the following:							
BIOL/ENVI 2030 Introductory Botany		4					
BIOL/ENVI 2060 Plant Systematics		4					
BIOL 2090 Cell Biology		4					
BIOL 3031, 3031L Human Anat & Phys I		3,1					
BIOL/ENVI 3040 Developmental Biology		4		****All students should take BIOL 1151-1151L. A grade of 'C-'or higher in BIOL 1151-1151L or its approved equivalent is required to enroll in any upper division biology course.**			
BIOL/ENVI 3140 Ecology		4					
BIOL 3180 Immunology		4					
BIOL 3200 Paleontology		4					
				Total Hours Required		**65**	

Catalog Year 2025-26: Students are subject to requirements applicable at the time major is declared.

Student signature _____ Date _____

Major Advisor signature _____ Date _____

If the student is a varsity athlete, this form must be signed by the NCAA Compliance Officer:
_____ Date _____