PRESBYTERIAN COLLEGE
MAJOR CARD (JUNIOR & SENIOR YEARS)

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

Expected Date of Graduation: _____

Degree sought: BS **Major: Physics (PHYS)**

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.

Courses required for major	Grade	S.H.	Q.P.	Courses required for major	Grade	S.H.	Q.P.
CHEM 101/101L General Chemistry I		3,1					
CHEM 102/102L General Chemistry II		3,1		**Select 3 hours from the following:**			
MATH 201 Calculus I and Analytic Geometry		3		CSC 1235 Introduction to Computer Science		3	
MATH 202 Calculus II		3		CSC 2100 Computing Methods for Science/Math		3	
MATH 301 Calculus III		3					
MATH 302 Calculus IV		3		**Select 6 hours of Physics electives at 2500-level or above:**			
MATH 401 Differential Equations		3		PHYS		3	
PHYS 1500 General Physics I **OR** PHYS 1600 Physics I with Calculus		4		PHYS		3	
*PHYS 1610 Physics II with Calculus		4					
PHYS 2100 Physics III with Calculus		4					
PHYS 2900 Advanced Dynamics		3		***If a student has taken general physics 1500 or physics with calculus 1600 from PC, or its equivalent at another school, before declaring the physics major, s/he must pass a qualifying examination given by the physics department. A grade of 'C-' or higher in PHYS 1500 or its approved equivalent course is required to enroll in PHYS 1610. A grade of 'C-' or higher in PHYS 1610 or its approved equivalent is required to enroll in any upper division physics course and the student must pass a qualifying examination given by the physics department.**			
PHYS 3100 Heat and Thermodynamics		3					
PHYS 3200 Electricity and Magnetism I		3					
PHYS 4000 Advanced Physics Laboratory		2					
PHYS 4100 Quantum Mechanics		3					
				Total Hours Required		**58**	

Catalog Year 2022-23: 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 _____