PRESBYTERIAN COLLEGE
MAJOR CARD (JUNIOR & SENIOR YEARS)

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

Expected Date of Graduation: _____

Degree sought: BS **Major: Medical Physics (MPHY)**

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.	Related required courses for major	Grade	S.H.	Q.P.
PHYS 1500 General Physics I **OR** PHYS 1600 Physics I with Calculus		4		BIOL 1150/1150L Biological Concepts		3,1	
**PHYS 1610 Physics II with Calculus		4		***BIOL 1151/1151L Organismal Biol		3,1	
PHYS 2100 Physics III with Calculus		4		BIOL 3110/3110L Physiology		3,1	
PHYS 2900 Advanced Dynamics		3					
PHYS 3200 Electricity and Magnetism I		3		CHEM 101/101L General Chemistry I		3,1	
PHYS 4000 Advanced Physics Laboratory		2		****CHEM 102/102L Gen Chemistry II		3,1	
PHYS 4100 Quantum Mechanics		3		CHEM 221/221L Organic Chemistry I		3,1	
PHYS 4200 Nuclear Physics		3		CHEM 222/222L Organic Chemistry II		3,1	
				MATH 201 Calculus I & Analytic Geometry		3	
				MATH 202 Calculus II		3	
				MATH 301 Calculus III		3	
				MATH 302 Calculus IV		3	
				MATH 401 Differential Equations		3	
				***All students should take BIOL 1151-1151L. A grade of 'C-' or higher in BIOL 1150-1150L or its approved equivalent course is required to enroll in 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.			
**If a student has taken general physics 1500 or physics with calculus 1600 from PC, or its equivalent at another school, before declaring the medical 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.				****All students must complete the American Chemical Society General Chemistry Exam with a grade of 60% or higher to receive credit for Chemistry 102.			
				Total Hours Required		**69**	

Catalog Year 2020-21: 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 _____