PRESBYTERIAN COLLEGE
MAJOR CARD (JUNIOR & SENIOR YEARS)

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

Expected Date of Graduation: _____

Degree sought: BS   **Major: Physics Engineering Dual Degree Program (PHYD)**
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 3 hours from the following:**			
MATH 401 Differential Equations		3		PHYS 2900 Advanced Dynamics		3	
PHYS 1500 General Physics I **OR** PHYS 1600 Physics I with Calculus I		4		PHYS 3100 Heat and Thermodynamics		3	
*PHYS 1610 Physics II with Calculus		4		PHYS 3200 Electricity and Magnetism I		3	
PHYS 2100 Physics III with Calculus		4					
PHYS 2600 Engineering Physics		4		**Physics Capstone (choose one option):**			
				PHYS 4000 Advanced Physics Laboratory		2	
				Capstone Equivalent at Engineering School		2	
*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 (dual degree) 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.							
				Total Hours Required		**45 (47)**	

Catalog Year 2023-24: Students are subject to requirements applicable at the time major is declared.

Students entering a dual-degree program should be aware of stipulations from other institutions regarding transfer work, i.e., most institutions do not accept grades of "D" and some may not accept all of Presbyterian College's general education requirements. Students participating in this program will be expected to complete all Presbyterian College General Education Requirements while in residence at PC. After earning a minimum of 92 semester hours at PC, students enter an engineering program at <u>Auburn University, Clemson University, Georgia Institute of Technology, University of South Carolina, or Vanderbilt University</u>, and in two years earn a PC degree and an engineering degree from Auburn, Clemson, Georgia Tech, USC, or Vanderbilt.

Specify which university you will be attending: _____

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 _____