

Piedmont College
4-year plan

Program: BS in Cardiovascular Technology

Program Mission Statement: The cardiovascular technology program seeks to prepare undergraduate students for careers in cardiovascular diagnostics by providing exemplary classroom and clinical education to develop their cognitive, psychomotor, and affective learning abilities relevant to non-invasive adult echocardiography. Furthermore, the program is dedicated to respecting individual diversity and engaging the community by exposing students to a variety of healthcare settings, practitioners, and patient populations.

FIRST YEAR FALL		FIRST SPRING	
PDMT 1101 Intro to College Life	1	ENG 102 Literature and Composition	3
ENGL 1101 Rhetoric and Composition	3	Foreign Language Requirement	3
Foreign Language Requirement	3	Art, Music or Theater requirement	3
MATH 2100 Elementary Statistics	3	BUSA 1210, PSYC 1101 or SOCI 1101	3
BIOL 1101 General Biology I	4	BIOL 2100 Human Anat. & Physiology I	4
Total Hours	14	Total Hours	16

SECOND YEAR FALL		SECOND YEAR SPRING	
CHEM 1101 General Chemistry I	4	MATH 2450 Calculus	4
BIOL 2110 Human Anatomy & Physiology II	4	MCOM 1110 or BUSA 2000	3
ANTH 1102, ANTH 2250, EDUC 4401, ENGL 2201, ENGL 2202, HIST 1111, HIST 1112, or RELG 1101	3	POSC1101 or HIST2212	3
ENG Literature 2203-2222, PHIL 2201/2202, or RELG 2201/2254	3	CHEM 1102 General Chemistry II	4
		PSY 2290 Human Growth & Development	3
Total Hours	14	Total Hours	17

THIRD YEAR FALL		THIRD YEAR SPRING (apply to the program this term)	
HSCS 4411 Health Policy, Law and Issues	3	BIOL 2150 Medical Microbiology	4
HSCS 3301 Exercise Physiology	4	HSCS 4450 Capstone	3
HSCS 4410 Research Methodology	3	HSCS 3330 Healthcare Finance	3
PHYS 2110 Physics	4	CSCI 1101 Information Technology	3
HSCS1101 Emergency Techniques	2	ATRG 3302 Pathology and Pharmacology	4
Total Hours	16	Total Hours	16

FOURTH YEAR FALL		FOURTH YEAR SPRING	
CVTE 4010 Ultrasound Physics	4	CVTE 4020 Cardiac Pharmacology	2
CVTE 4012 Electrocardiographic Anatomy and Physiology	2	CVTE 4022 Principles of Vascular Ultrasound	5
CVTE 4014 Echocardiography Pathology I	5	CVTE 4024 Cardiovascular Technology	2
CVTE 4016 Electrocardiography	2	CVTE 4026 Echocardiography Pathology II	4
Total Hours	13	Total Hours	13

FOURTH YEAR SUMMER			
CVTE 4028 Practicum I	2		
CVTE 4400 Practicum II	2		
Total Hours	4	Program Total Hours	123