

Allied Health

Cardiovascular Sonography

WILMINGTON CAMPUS

Fall 2021

Sonography is the art and science of employing high frequency sound waves to image organs, vessels, masses, and fluid accumulations within the body. The Cardiovascular Sonography program provides comprehensive educational experiences that enable qualified students to acquire the knowledge, skills, and behaviors necessary to be eligible for licensure and employment as entry level diagnostic cardiac sonographers and vascular technologists. The cardiovascular program focuses on procedures that help to diagnose abnormalities related to heart and vascular diseases. The Cardiovascular program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 25400 US Highway 19 N., Suite 158, Clearwater, FL 33763, (727) 210-2350, <http://www.caahep.org>, upon recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRCEDMS). 6021 University Blvd., Suite 500, Ellicott City, MD 21043, (443) 973-3251. Graduates may take the national certification in cardiac and vascular sonography. Courses are offered on campus and a variety of clinical affiliates. Academically ready students can apply to the program following the guidelines of the Allied Health competitive admission process. Interested applicants should review the information provided here and contact their program advisor for application requirements.

PROGRAM SPECIFIC ADVISEMENT STATEMENT

Courses - Semester 1

	Credits	Lecture	Lab
SSC 100 - First Year Seminar	1	1	0
BIO 120 - Anatomy and Physiology I	5	4	2
CHM 110 - General Chemistry	4	3	2
ENG 101 - Composition I	3	3	0
MAT 162 - Statistical Reasoning	4	4	
PHY 111 - Conceptual Physics	4	3	2
DMS 106 - Intro-Patient Care/Sonography	3	3	1

Courses - Semester 2

	Credits	Lecture	Lab
BIO 100 - Medical Terminology	3	3	0
BIO 121 - Anatomy and Physiology II	5	4	2
ENG 102 - Composition II	3	3	0
DMS 108 - Intro to Clin Internship I	1	0	4
ECH 111 - Echocardiography Techniques I	3	3	1.5
VAS 111 - Vascular Techniques I	3	3	1

Courses - Semester 3

	Credits	Lecture	Lab
BIO 130 - Disease Proc/Pathophysiology	3	3	0
HLH 215 - Cardiovascular Monitoring	2	2	0
DMS 110 - Acoustical Physics	3	3	0
CVS 109 - Intro to Clin Internship II	1	0	4
ECH 112 - Echocardiography Techniques II	3	3	1.5
VAS 112 - Vascular Techniques II	3	3	1

Courses - Semester 4

	Credits	Lecture	Lab
CVS 201 - Clinical Internship I	3	0	15
CVS 210 - Scanning Applications	1	1	1
ECH 213 - Echocardiography Technique III	3	3	1

Courses - Semester 5

Credits	Lecture	Lab
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PSY 121 - General Psychology	3	3	0
CVS 202 - Clinical Internship II	7	1	30
VAS 213 - Vascular Techniques III	3	3	1
Courses - Semester 6	Credits	Lecture	Lab
SOC 213 - Ethical Issues in Health Care	3	3	0
CVS 203 - Clinical Internship III	7	1	30
DMS 230 - Special Topics	2	2	0

To complete program requirements, you must pass the above courses and earn at least **89 credits**. The number of courses and credits required for graduation may be more depending on your need for developmental education courses and the elective choices you make (if electives are a part of the program). Some programs also have college-level courses that you must take if you do not score at a certain level on the College Placement Test. If this applies to your program, the courses are listed at the top of the sequence sheet before the first semester of the course list.