



2022 - 2023
Cardiac Sonography
Associate of Applied Science Degree
Academic Plan

Fall Year 1		Courses	Prerequisite(s)	Credit Hours	
BIO 1210	Human Anatomy and Physiology I		Co-requisite(s): BIO 1211	3	15
BIO 1211	Human Anatomy and Physiology I Lab		Co-requisite(s): BIO 1210	1	
COM 1010	Composition and Critical Thinking I			3	
HSC 1010	Introduction to Health Professions			2	
MTH 1010	Quantitative Literacy			3	
ELECTIVE	General Education Elective		Varies	3	
Spring Year 1		Courses	Prerequisite(s)	Credit Hours	
BIO 1220	Human Anatomy and Physiology II		BIO 1210, BIO 1211; Co-requisite(s): BIO 1221	3	13
BIO 1221	Human Anatomy and Physiology II Lab		BIO 1210, BIO 1211; Co-requisite(s): BIO 1220	1	
BIO 2150	Pathophysiology		Co-requisite(s): BIO 1220	3	
COM 1020	Composition and Critical Thinking II		COM 1010, MTH 1010	3	
PSY 2050	Self and Society		COM 1010, MTH 1010; Co-requisite: COM 1020	3	
Summer Year 1		Courses	Prerequisite(s)	Credit Hours	
CAS 1050	Introduction to Cardiac Sonography		Acceptance into the program Co-requisite: CAS 1050L	6	14
CAS 1050L	Introduction to Cardiac Sonography Lab		Acceptance into the program Co-requisite: CAS 1050	0	
HSC 1810	Acoustical Physics		Acceptance into the program	4	
HSC 1910	Introduction to Sonography and Patient Care		Acceptance into the program	3	
PHY 1210	Physics Concepts			1	
Fall Year 2		Courses	Prerequisite(s)	Credit Hours	
CAS2150	Fundamentals of Cardiac Sonography		CAS1050, CAS1050L Co-requisite: CAS 2150P, CAS 2150	13	13
CAS2150P	Fundamentals of Cardiac Sonography Clinical		CAS1050, CAS1050L Co-requisite: CAS 2150L, CAS 2150P	0	
CAS2150L	Fundamentals of Cardiac Sonography Lab		CAS1050, CAS1050L Co-requisite: CAS 2150P, CAS 2150	0	
Spring Year 2		Courses	Prerequisite(s)	Credit Hours	
CAS 2250	Advanced Cardiac Sonography		CAS 2150, CAS2150L, CAS2150P Co-requisite: CAS 2250L, CAS 2250P	13	13
CAS 2250P	Advanced Cardiac Sonography Clinical		CAS 2150, CAS2150P, CAS2150L Co-requisite: CAS 2250L, CAS 2250P	0	
CAS 2250L	Advanced Cardiac Sonography Lab		CAS 2150, CAS2150P, CAS2150L Co-requisite: CAS 2250L, CAS 2250P	0	
Summer Year 2		Courses	Prerequisite(s)	Credit Hours	
CAS 2950	Cardiac Sonography Capstone		CAS 2250, CAS 2250L, CAS2250P Co-requisite: CAS 2950P	5	5
CAS 2950P	Cardiac Sonography Capstone Clinical		CAS 2250, CAS 2250L, CAS2250P Co-requisite: CAS 2950	0	
Program Total				73	