



Associate in Applied Science

Toward a Degree in

Diagnostic Cardiac Sonography

Career Curriculum 00DMS0017
 Minimum Hours: 71
 Major Code: 1.2 510910C
 Effective Date: Spring 2016

FALL SEMESTER

Dept.	No.		Hrs.	Grade
ALH	110	Issues in Health and Patient Care	3	_____
ENG	101	English Composition	3	_____
Any IAI Math		OR MAT 108 College Algebra ³	<u>3-4</u>	_____
			9-10	

SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ALH	112	Pathophysiology and Terminology ¹	3	_____
PHY	121	Technical Physics OR PHS 105 Physics for Non-Science Majors	3	_____
SOC	133	Principles of Sociology OR PSY 132 General Psychology	3	_____
SPE	115	Speech OR SPE 116 Interpersonal Communications	<u>3</u> 12	_____

**All of the above coursework must be completed before starting any
 Diagnostic Cardiac Sonography Specialization.**

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
DMS	104	Diagnostic Ultrasound Foundations ²	3	_____
DMS	202	Cardiac Anatomy and Physiology ²	4	_____
DMS	204	Cardiac Ultrasound Imaging/Lab I ²	6	_____
DMS	206	Cardiac Ultrasound Clinic I ²	<u>3</u>	_____
			16	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
DMS	200	Medical Physics and Instrumentation	5	_____
DMS	224	Cardiac Ultrasound Imaging/Lab II	6	_____
DMS	226	Cardiac Ultrasound Clinic II	<u>6</u>	_____
			17	

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
DMS	236	Cardiac Ultrasound Clinic III	<u>5</u>	_____
			5	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
DMS	230	Cardiac Seminar	2	_____
DMS	246	Cardiac Ultrasound Clinic IV	<u>10</u>	_____
			12	

NOTES AND INFORMATION

*Students must maintain a grade of "C" or higher in all courses.

*Students must be certified for CPR at the start of the program and remain certified throughout the program.

¹ BIO 206 is a prerequisite or concurrent enrollment to ALH 112 recommend for Fall Semester. No prior credit will be given for BIO 206 Human Anatomy and Physiology II if this course was completed more than 5 years prior to program admittance or if the earned grade was lower than a "C." If a student elects to complete to complete BIO 206 prior to beginning the program, it will fulfill the UCC Life Science Group II course requirement for the SIU-C articulation agreement.

² Students not meeting the minimum course requirements for DMS 104, DMS 200, DMS 202, DMS 204, DMS 206, DMS 224, and DMS 226 are required to enroll in 6DMS 230, Skill Enhancement, and 6DMS 232, Skill Enhancement. These courses are not required for graduation from this program and therefore are ineligible for Title IV Financial Aid funding.

³ Students interested in pursuing Radiologic Sciences (Medical Sonography) at SIU should consider MAT 120, articulated substitute for HCM 365.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Career Opportunities: Sonographers can choose to work in clinics, hospitals, private practice physician offices, public health facilities, laboratories, and other medical settings performing examinations in their areas of specialization. Career advancement opportunities exist in education, administration, research, and in commercial companies as education/application specialists, sales representatives, and technical advisors.

The Diagnostic Cardiac Sonography Program is accredited by:

Commission on Accreditation of Allied Health Education Programs (CAAHEP)
 25400 U.S. Highway 19 North
 Suite 158
 Clearwater, FL 33763

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.