



DIAGNOSTIC CARDIAC SONOGRAPHY*
Degree Program

Career Curriculum 00DMS0017
Associate in Applied Science
Minimum Hrs. 71
Major Code: 1.2 510910C

FALL SEMESTER

Dept. No.		Hrs.	Gr.
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.	Gr.
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.	Gr.
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 – SUMMER SEMESTER

Dept. No.		Hrs.	Gr.
DMS 236	Cardiac Ultrasound Clinic III	<u>5</u>	___
		5	

FIRST YEAR – SPRING SEMESTER

Dept. No.		Hrs.	Gr.
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	

SECOND YEAR – FALL SEMESTER

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

*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.

*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.*

Effective Date: Spring 2016

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)

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