

DIAGNOSTIC MEDICAL SONOGRAPHY ACADEMIC CURRICULUM MAP

An academic map is a suggested two-year schedule of courses based on degree requirements. This sample schedule serves as a general guideline to help build a full schedule each term. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years.

This map is not a substitute for academic advisement—contact your advisor if you have any questions about scheduling or about your degree requirements. Also see the current academic catalog for a complete list of requirements and electives. Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact an advisor, the department and/or program area for current information.

Course	Credit Hours						
BIOL 130 Anatomy & Physiology	5		General Education Requirement				
ENGL 101 English Composition I or ENGL 103 English Composition with Review or COMM 101 Public Speaking	3		General Education Requirement				
HEAL 106 Medical Terminology	3		General Elective				
HEAL 109 Physics for Health Sciences	4		General Elective				
MATH 100 Intermediate Algebra	3		General Education Requirement				
Total Hours	18						
First Year							
Summer Semester			Fall Semester				
Course	Credit Hours Vascular	Credit Hours General	Notes	Course	Credit Hours Vascular	Credit Hours General	Notes
DMS 200 Sonography Virtual Lab	6	6		DMS 201 Introduction to Sonography	3	3	
				DMS 211 Sonography Physics & Instrumentation	3	3	
				Vascular Pathway DMS 230 Vascular Sonography I	3		
				DMS 251 Vascular Sonography Clinical I	5		
				General Pathway DMS 205 Sonography Sectional Anatomy & Abdominal Physiology		2	
				DMS206 OB/GYN for Sonography I		3	
				DMS 220 General Sonography Clinical I		5	
Total Hours	6	6		Total Hours	14	16	
Second Year							
Spring Semester				Summer Semester			
Course	Credit Hours Vascular	Credit Hours General	Notes	Course	Credit Hours Vascular	Credit Hours General	Notes
DMS 234 Sonography Physics & Instrumentation/Registry Review	3	3		Vascular Pathway DMS 237 Vascular Sonography Registry Review	2		
Vascular Pathway DMS 214 Introduction to Echocardiography	3			DMS 253 Vascular Sonography Clinical III	5		
DMS 231 Vascular Sonography II	4			General Pathway DMS 222 General Sonography		5	
DMS 252 Vascular Sonography II	5			DMS 250 General Sonography Registry Review		4	
General Pathway DMS 207 OB/GYN for Sonography II		3					
DMS 208 Sonography Pathology of Abdoment and Small Parts		2					
DMS 221 General Sonography Clinical II		5					
Total Hours	15	13		Total Hours	7	9	

General Electives can be found on page 53

Statewide General Education Requirements can be found on page 56

DIAGNOSTIC MEDICAL SONOGRAPHY

ASSOCIATE IN APPLIED SCIENCE

Diagnostic Medical Sonographers operate special imaging equipment to create images or conduct tests. The images and test results help physicians assess and diagnose medical conditions. Some technologists assist physicians and surgeons during surgical procedures. Most diagnostic imaging professionals are employed in hospitals while others are employed in healthcare settings such as physician's offices and medical and diagnostic laboratories.

Credits Required: 60-62

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Accreditation

Labette Community College Sonography Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). The program was approved March 2013. For more information contact www.CAAHEP.org

Requirements

Students interested in the Diagnostic Medical Sonography Program are admitted to Labette Community College on the same basis as other students, but admission to the college does not ensure admission into the Sonography Program. All students applying for the DMS program are required to have completed the following prior to acceptance into the program:

- Associates or Bachelors Degree with a medical component.
- Mathematics, Physics (NOT required for students with Radiology Degree), Communications or Composition, Anatomy and Physiology, Medical Terminology.

After Graduation

You will graduate with a certificate in Diagnostic Medical Sonography. You will have several work options like, hospitals, clinics, teaching, Doctor's office, or traveling the world.

According to the Bureau of Labor Statistics, the field is anticipated to grow by 10% (2021-2031), with a median pay of \$75,380 per year nationwide. The job prospects for DMS are expected to be very good.

Concentration Requirements 15

<input type="checkbox"/>	DMS	200	Sonography Virtual Lab	6
<input type="checkbox"/>	DMS	201	Introduction to Sonography	3
<input type="checkbox"/>	DMS	211	Sonography Physics & Instrumentation	3
<input type="checkbox"/>	DMS	234	Sonography, Physics & Instrumentation/Registry Review	3

General Sonography Pathway 29

<input type="checkbox"/>	DMS	205	Sonography Sectional Anatomy & Abdominal Physiology	2
<input type="checkbox"/>	DMS	206	OB/GYN for Sonography I	3
<input type="checkbox"/>	DMS	207	OB/GYN for Sonography II	3
<input type="checkbox"/>	DMS	208	Sonography Pathology of Abdomen and Small Parts	2
<input type="checkbox"/>	DMS	220	General Sonography Clinical I	5
<input type="checkbox"/>	DMS	221	General Sonography Clinical II	5
<input type="checkbox"/>	DMS	222	General Sonography Clinical III	5
<input type="checkbox"/>	DMS	250	General Sonography Registry Review	4

or

Vascular Sonography Pathway 27

<input type="checkbox"/>	DMS	214	Introduction to Echocardiography	4
<input type="checkbox"/>	DMS	230	Vascular Sonography I	3
<input type="checkbox"/>	DMS	231	Vascular Sonography II	3
<input type="checkbox"/>	DMS	237	Vascular Sonography Registry Review	2
<input type="checkbox"/>	DMS	251	Vascular Sonography Clinical I	5
<input type="checkbox"/>	DMS	252	Vascular Sonography Clinical II	5
<input type="checkbox"/>	DMS	253	Vascular Sonography Clinical III	5

General Education Requirements 11

English/Communication

<input type="checkbox"/>	ENGL	101	English Composition I	or
	ENGL	103	English Composition with Review	or
	COMM	101	Public Speaking	3

Math & Statistics

<input type="checkbox"/>	MATH	100	Intermediate Algebra or Higher	3
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Natural & Physical Science

<input type="checkbox"/>	BIOL	130	Anatomy & Physiology	5
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General Electives 7

<input type="checkbox"/>	HEAL	106	Medical Terminology	3
<input type="checkbox"/>	HEAL	109	Physics for Health Sciences	4

General Electives can be found on page 53
Statewide General Education Requirements can be found on page 56