

**DIAGNOSTIC MEDICAL SONOGRAPHY**  
**VASCULAR SONOGRAPHY**  
**CERTIFICATE**  
**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/ENGL 103 English Composition with Review or COMM 101 Public Speaking	3	General Education Requirement
HEAL 106 Medical Terminology	3	General Education Requirement
HEAL 109 Physics for Health Sciences	4	General Education Requirement
MATH 115 College Algebra or MATH 114 College Algebra with Review	3	General Education Requirement
Total Hours	18	

\* Students must meet prerequisite requirements and be admitted to the program

<b>First Year</b>					
<b>Summer Semester</b>			<b>Fall Semester</b>		
<b>Course</b>	<b>Credit Hours Vascular</b>	<b>Notes</b>	<b>Course</b>	<b>Credit Hours Vascular</b>	<b>Notes</b>
DMS 200 Sonography Virtual Lab	6		DMS 201 Introduction to Sonography	3	
			DMS 211 Sonography Physics & Instrumentation	3	
			DMS 230 Vascular Sonography I	3	
			DMS 251 Vascular Sonography Clinical I	5	
Total Hours	6		Total Hours	14	
<b>Second Year</b>					
<b>Spring Semester</b>			<b>Summer Semester</b>		
<b>Course</b>	<b>Credit Hours Vascular</b>	<b>Notes</b>	<b>Course</b>	<b>Credit Hours Vascular</b>	<b>Notes</b>
DMS 231 Vascular Sonography II	3		DMS 237 Vascular Sonography Registry Review	2	
DMS 234 Sonography Physics & Instrumentation/Registry Review	3		DMS 253 Vascular Sonography Clinical III	5	
DMS 252 Vascular Sonography Clinical II	5				
Total Hours	11		Total Hours	7	

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

# DIAGNOSTIC MEDICAL SONOGRAPHY

## CERTIFICATE VASCULAR SONOGRAPHY

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 at physician's offices and medical and diagnostic laboratories.

**Credits Required:** 38

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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](http://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, Communications or Composition, Anatomy and Physiology, Medical Terminology, and Physics. (NOT required for students with Radiology Degree)

**Summary**  
The Vascular concentration is 38 total credit hours. A new cohort will start every June.  
The Vascular concentration is a 14 month program that will focus strictly on vascular anatomy and pathology.  
Clinical expectations: The student will complete a minimum of 1024 clinical hours. Complete all required checklists and competencies in the assigned facility.  
Trajectory software will be used to upload all required documentation.

<u>Summer Semester</u>				<b>6</b>
<input type="checkbox"/>	DMS	200	Sonography Virtual Lab	6

<u>Fall Semester</u>				<b>14</b>
<input type="checkbox"/>	DMS	201	Introduction to Sonography	3
<input type="checkbox"/>	DMS	211	Sonography Physics & Instrumentation	3
<input type="checkbox"/>	DMS	230	Vascular Sonography I	3
<input type="checkbox"/>	DMS	251	Vascular Sonography Clinical I	5

<u>Spring Semester</u>				<b>11</b>
<input type="checkbox"/>	DMS	231	Vascular Sonography II	3
<input type="checkbox"/>	DMS	234	Sonography, Physics & Instrumentation/Registry Review	3
<input type="checkbox"/>	DMS	252	Vascular Sonography Clinical II	5

<u>Summer Semester</u>				<b>7</b>
<input type="checkbox"/>	DMS	237	Vascular Sonography Registry Review	2
<input type="checkbox"/>	DMS	253	Vascular Sonography Clinical III	5

<u>Total Hours</u>				<b>38</b>
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**After Graduation**  
You will graduate with a certificate in Diagnostic Medical Sonography. You will have several work options like, hospitals, clinics, teaching, at a doctor's office, or traveling the world.

According to the Bureau of Labor Statistics, the field is anticipated to grow by 11% (2023-2033), with a median pay of \$80,850 per year nationwide. The job prospects for DMS are expected to be very good.

General Electives can be found on page 53  
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