

DIAGNOSTIC MEDICAL SONOGRAPHY, CERTIFICATE OF PROFICIENCY

PLEASE NOTE: If you originally enrolled at STLCC prior to Fall 2022, you may need to view an archived catalog (<https://www.stlcc.edu/programs-academics/course-catalog/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Pre-admissions Entrance Requirements:

Code	Title	Credit Hours
BIO 207	Anatomy and Physiology I (MOTR LIFS 150LAP)	4
BIO 208	Anatomy and Physiology II	4
	Physics or Physical Science Lecture	3-4
	Precalculus Algebra or Introductory Statistics	3-4
HIT 101	Medical Terminology and Language	4
ENG 101	College Composition I (MOTR ENGL 100)	3
COM 101	Oral Communication I (MOTR COMM 100)	3
Total Credit Hours		24-26

Cardiac Sonography Option:

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
DMS 127	Introduction to Sonography	3	Current enrollment in the Cardiac learning concentration, Diagnostic Medical Sonography program or permission of the program director and Reading Proficiency	See program prerequisite list
DMS 103	Ultrasound Physics and Instrumentation I	2	Current enrollment in the Diagnostic Medical Sonography program or permission of the program director and Reading Proficiency	
DMS 112	Cardiac Sonography I	3	Current enrollment in the Cardiac learning concentration, Diagnostic Medical Sonography program or permission of the program director and Reading Proficiency	
DMS 113	Cardiac Sonography Scanning Techniques I	2	Current enrollment in the Cardiac learning concentration or permission of the program director and Reading Proficiency	
DMS 114	Cardiac Sonography Practicum I	2	Current enrollment in the Cardiac Sonography learning concentration, Diagnostic Medical Sonography Program or permission of the program director and Reading Proficiency	
	Credit Hours	12		
Spring				
DMS 104	Ultrasound Physics and Instrumentation II	2	DMS 103 or permission of the program director and Reading Proficiency	
DMS 115	Cardiac Sonography II	3	DMS 112 or permission of the program director and Reading Proficiency	
DMS 116	Cardiac Sonography Scanning Techniques II	1	DMS 113 or permission of the program director and Reading Proficiency	
DMS 117	Cardiac Sonography Clinical Applications	3	DMS 112 or permission of the program director and Reading Proficiency	
DMS 118	Cardiac Sonography Practicum II	3	DMS 114 or permission of the program director and Reading Proficiency	
	Credit Hours	12		

Summer				
DMS 207	Cardiac Sonography III	2	DMS 115 or permission of the program director and Reading Proficiency	
DMS 208	Cardiac Sonography Practicum III	4	DMS 118 or permission of the program director and Reading Proficiency	
	Credit Hours	6		
Second Year				
Fall				
DMS 201	Ultrasound Physics and Instrumentation III	2	DMS 104 or permission of the program director and Reading Proficiency	Apply for graduation
DMS 209	Cardiac Sonography IV	4	DMS 207 or permission of the program director and Reading Proficiency	
DMS 126	Introduction to Vascular Sonography	3	Current enrollment in the Cardiac learning concentration, Diagnostic Medical Sonography program or permission of the program director, and Reading Proficiency	
DMS 128	Introduction to Vascular Sonography Scanning Techniques	1	Current enrollment in the Cardiac learning concentration, Diagnostic Medical Sonography program or permission of the program director and Reading Proficiency	
DMS 211	Cardiac Sonography Practicum IV	3	DMS 208 or permission of the program director and Reading Proficiency	
	Credit Hours	13		
	Total Credit Hours	43		

Medical Sonography Option:

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
DMS 127	Introduction to Sonography	3	Current enrollment in the Cardiac learning concentration, Diagnostic Medical Sonography program or permission of the program director and Reading Proficiency	See program prerequisite list
DMS 103	Ultrasound Physics and Instrumentation I	2	Current enrollment in the Diagnostic Medical Sonography program or permission of the program director and Reading Proficiency	
DMS 105	Medical Sonography I	3	Current enrollment in the Medical Sonography learning concentration, Diagnostic Medical Sonography program or permission of the program director and Reading Proficiency	
DMS 106	Medical Sonography Scanning Techniques I	2	Current enrollment in the Medical Sonography learning concentration or permission of the program director and Reading Proficiency	

DMS 107	Medical Sonography Practicum I	2	Current enrollment in the Medical Diagnostic Sonography learning concentration or permission of the program director and Reading Proficiency	
	Credit Hours	12		
Spring				
DMS 104	Ultrasound Physics and Instrumentation II	2	DMS 103 or permission of the program director and Reading Proficiency	
DMS 108	Medical Sonography II	3	DMS 105 or permission of the program director and Reading Proficiency	
DMS 109	Medical Sonography Scanning Techniques II	1	DMS 106 or permission of the program director and Reading Proficiency	
DMS 110	Medical Sonography Clinical Applications	3	DMS 105 or permission of the program director and Reading Proficiency	
DMS 111	Medical Sonography Practicum II	3	DMS 107 or permission of the program director and Reading Proficiency	
	Credit Hours	12		
Summer				
DMS 202	Medical Sonography III	2	DMS 108 or permission of the program director and Reading Proficiency	
DMS 203	Medical Sonography Practicum III	4	DMS 111 or permission of the program director and Reading Proficiency	
	Credit Hours	6		
Second Year				
Fall				
DMS 201	Ultrasound Physics and Instrumentation III	2	DMS 104 or permission of the program director and Reading Proficiency	Apply for graduation
DMS 204	Medical Sonography IV	4	DMS 202 or permission of the program director and Reading Proficiency	
DMS 126	Introduction to Vascular Sonography	3	Current enrollment in the Cardiac learning concentration, Diagnostic Medical Sonography program or permission of the program director, and Reading Proficiency	
DMS 128	Introduction to Vascular Sonography Scanning Techniques	1	Current enrollment in the Cardiac learning concentration, Diagnostic Medical Sonography program or permission of the program director and Reading Proficiency	
DMS 206	Medical Sonography Practicum IV	3	DMS 203 or permission of the program director and Reading Proficiency	
	Credit Hours	13		
	Total Credit Hours	43		

*Click on the hyperlinked course number to view additional information about the course.

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.