

Program Coordinator: Saretta Craft

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 Program Website: <https://bluegrass.kctcs.edu/education-training/programs/sonography/index.aspx>

Student Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

*Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.*

<b>This is a Selective Admissions program.</b> <b>All non-DMS courses must be completed prior to enrollment in Diagnostic Medical Sonography courses.</b>					
Required before DMS First Semester DMS Courses	Credit Hours	Term	Grade	Prerequisites	Notes
AHS 120 Medical Terminology	1				
BIO 137 Human Anatomy and Physiology or BIO 135 Basic Anatomy and Physiology with Laboratory	4				BIO 137 and BIO 139 are preferred over BIO 135
BIO 139 Human Anatomy and Physiology	0 – 4			BIO 137	
CPR 100 CPR for Healthcare Professionals	0 – 1				See Program Coordinator for exceptions.
NAA 100 Nursing Assistant Skills I or MNA 100 Medicaid Nurse Aide	0 – 3				
ENG 101 Writing 1	3				
MAT 150 College Algebra or higher math course	3				
PHY 171 Applied Physics or PHY 152 Introductory Physics I or PHY 152 Introductory Physics II	3 – 4				PHY 171 is preferred over PHY 151 or PHY 152
Digital Literacy	0 – 3				
Heritage or Humanities course	3				
Social and Behavioral Sciences course	3				
<b>Total Semester Credit Hours</b>	<b>20 – 32</b>				

First Semester	Credit Hours	Term	Grade	Prerequisites	Notes
DMS 146 Cardiac Techniques I	12	Fall		Digital Literacy, NAA 100, and CPR Certification Coreq: DMS 147	
DMS 147 Cardiac Clinical Education I	1	Fall		Coreq: DMS 146	
<b>Total Semester Credit Hours</b>	<b>13</b>				

Second Semester	Credits	Term	Grade	Prerequisites	Notes
DMS 119 Ultrasonic Physics and Instrumentation	6	Spring		Consent of Program Coordinator	
DMS 207 Cardiac Techniques II	7	Spring		DMS 146	
DMS 247 Cardiac Clinical Education II	2	Spring		DMS 147	
<b>Total Semester Credit Hours</b>	<b>15</b>				

Summer 12-week Term	Credits	Term	Grade	Prerequisites	Notes
DMS 199 Online Physics Review	1	Summer		DMS 119	
DMS 248 Cardiac Clinical Education III	6	Summer		DMS 247	
<b>Total Semester Credit Hours</b>	<b>7</b>				

Third Semester	Credits	Term	Grade	Prerequisites	Notes
DMS 216 Cardiac Techniques III	3	Fall		DMS 207	
DMS 246 Cardiac Review	1	Fall		DMS 207	
DMS 249 Cardiac Clinical Education IV	8	Fall		DMS 248	
<b>Total Semester Credit Hours</b>	<b>12</b>				
<b>Total Degree Credit Hours</b>	<b>67 – 75</b>				

- Graduation Requirements:
- 25% or more of Total Program Credit Hours must be earned at BCTC
  - Cumulative GPA must be 2.0 or higher

Advisor Name \_\_\_\_\_

Advisor Contact \_\_\_\_\_

### Selective Admissions

The Diagnostic Medical Sonography program is a selective admissions program which admits students for initial admission only in the Fall semester. See the program website at <https://bluegrass.kctcs.edu/admissions/selective-admissions/diagnostic-medical-sonography.aspx> for selective admission information and mandatory pre-admission conference dates.

### Additional Information

- After completion of the prerequisite courses and acceptance into the program, this program requires attendance for consecutive Fall, Spring, Summer 12-week, and Fall terms.
- CPR certification for the healthcare provider must be obtained prior to enrolling in DMS 146 and must be kept current throughout the program.
- Documentation of successful completion of a minimum of 75 hour nursing assistant course or its equivalent and digital literacy competency as defined by KCTCS are required prior to enrolling in DMS 146.
- A grade of C or higher in all Diagnostic Medical Sonography courses as well as a cumulative GPA of 2.0 or higher is required to continue in the program.