

## Degrees: Associate of Applied Science

**Diagnostic Medical Sonography  
Vascular Technology  
Diagnostic Cardiac Sonography**

## Certificates:

**Diagnostic Medical Sonography  
Vascular Technology  
Diagnostic Cardiac Sonography**

The Sonography program prepares you for entry-level positions in the field with specialization in general sonography, vascular technology, or cardiac sonography. Upon completion of the program, you will be eligible to take the American Registry for Diagnostic Medical Sonography (ARDMS) certifying examination. You may choose between the associate of applied science degree option or the certificate of completion option. You must earn a C or better in all DMS courses to graduate.

\*\*Additional fees apply for DMS 280.

Information: 303.914.6034, [www.rccc.edu/dms](http://www.rccc.edu/dms)

## AAS Degree

### Diagnostic Medical Sonography

<b>Prerequisite course:</b>	<b>Credits</b>
RTE 255 Multiplanar Sectional Imaging or equivalent	2
<b>Required Courses</b>	<b>Credits</b>
DMS 205 Small Parts Ultrasound	2
DMS 206 Vascular Ultrasound	2
DMS 221 OB/GYN Ultrasound I	2
DMS 222 OB/GYN Ultrasound II	2
DMS 231 Abdominal Ultrasound I	2
DMS 232 Abdominal Ultrasound II	2
DMS 241 Ultrasound Physics I	2
DMS 242 Ultrasound Physics II	2
DMS 244 Ultrasound Scan Lab	6
DMS 280 Ultrasound Clinical Observation	2.5
DMS 281 Clinical Internship I	8
DMS 282 Clinical Internship II	10
DMS 283 Clinical Internship III	10
DMS 289 Ultrasound Capstone	3
<b>DMS Elective Courses</b>	<b>4</b>
<b>General Education Courses (See AAS Degree Requirements page 24)</b>	<b>15</b>
<b>Total Credits</b>	<b>74.5</b>

## AAS Degree

### Vascular Technology

<b>Required Courses</b>	<b>Credits</b>
DMS 203 Cerebrovascular Sonography	2
DMS 204 Venous Sonography	2
DMS 241 Ultrasound Physics I	2
DMS 242 Ultrasound Physics II	2
DMS 244 Ultrasound Scan Lab	6
DMS 251 Cardiovascular Anatomy and Physiology	2
DMS 252 Abdominal Vascular Sonography	2
DMS 261 Introduction to Vascular Testing	2
DMS 262 Arterial Sonography	2
DMS 280 Ultrasound Clinical Observation	2.5
DMS 281 Clinical Internship I	8
DMS 282 Clinical Internship II	10
DMS 283 Clinical Internship III	10
DMS 289 Ultrasound Capstone	3
<b>DMS Elective Courses</b>	<b>4</b>
<b>General Education Courses (See AAS Degree Requirements page 24)</b>	<b>15</b>
<b>Total Credits</b>	<b>74.5</b>

## AAS Degree

### Diagnostic Cardiac Sonography

<b>Required Courses</b>	<b>Credits</b>
DMS 251 Cardiovascular Anatomy and Physiology	2
DMS 255 Adult Echocardiography I	2
DMS 256 Adult Echocardiography II	2
DMS 267 Adult Echocardiographic Pathology	3
DMS 235 Pediatric Echocardiography	2
DMS 206 Vascular Sonography	2
DMS 241 Ultrasound Physics I	2
DMS 242 Ultrasound Physics II	2
DMS 244 Ultrasound Scan Lab	6
DMS 280 Ultrasound Clinical Observation	2.5
DMS 281 Clinical Internship I	8
DMS 282 Clinical Internship II	10
DMS 283 Clinical Internship III	10
DMS 289 Ultrasound Capstone	3
<b>DMS Elective Courses</b>	<b>4</b>
<b>General Education Courses (See AAS Degree Requirements page 24)</b>	<b>15</b>
<b>Total Credits</b>	<b>75.5</b>

## Certificate

### Diagnostic Medical Sonography

<b>Prerequisite Course</b>	<b>Credits</b>
RTE 255 Multiplanar Sectional Imaging or equivalent	2
<b>Required Courses</b>	<b>Credits</b>
DMS 205 Small Parts Ultrasound	2
DMS 206 Vascular Ultrasound	2
DMS 221 OB/GYN Ultrasound I	2
DMS 222 OB/GYN Ultrasound II	2
DMS 231 Abdominal Ultrasound I	2
DMS 232 Abdominal Ultrasound II	2

DMS 241	Ultrasound Physics I	2
DMS 242	Ultrasound Physics II	2
DMS 244	Ultrasound Scan Lab	6
DMS 280	Ultrasound Clinical Observation	2.5
DMS 281	Clinical Internship I	8
DMS 282	Clinical Internship II	10
DMS 283	Clinical Internship III	10
DMS 289	Ultrasound Capstone	3
<b>DMS Elective Courses</b>		<b>4</b>
<b>Total Credits</b>		<b>59.5</b>

## Certificate

### Vascular Technology

Required Courses		Credits
DMS 203	Cerebrovascular Sonography	2
DMS 204	Venous Sonography	2
DMS 241	Ultrasound Physics I	2
DMS 242	Ultrasound Physics II	2
DMS 244	Ultrasound Scan Lab	6
DMS 251	Cardiovascular Anatomy and Physiology	2
DMS 252	Abdominal Vascular Sonography	2
DMS 261	Introduction to Vascular Testing	2
DMS 262	Arterial Sonography	2
DMS 280	Ultrasound Clinical Observation	2.5
DMS 281	Clinical Internship I	8
DMS 282	Clinical Internship II	10
DMS 283	Clinical Internship III	10
DMS 289	Ultrasound Capstone	3
<b>DMS Elective Courses</b>		<b>4</b>
<b>Total Credits</b>		<b>59.5</b>

## Certificate

### Diagnostic Cardiac Sonography

Required Courses		Credits
DMS 251	Cardiovascular Anatomy and Physiology	2
DMS 255	Adult Echocardiography I	2
DMS 256	Adult Echocardiography II	2
DMS 267	Adult Echocardiographic Pathology	3
DMS 235	Pediatric Echocardiography	2
DMS 206	Vascular Sonography	2
DMS 241	Ultrasound Physics I	2
DMS 242	Ultrasound Physics II	2
DMS 244	Ultrasound Scan Lab	6
DMS 280	Ultrasound Clinical Observation	2.5
DMS 281	Clinical Internship I	8
DMS 282	Clinical Internship II	10
DMS 283	Clinical Internship III	10
DMS 289	Ultrasound Capstone	3
<b>DMS Elective Courses</b>		<b>4</b>
<b>Total Credits</b>		<b>60.5</b>