

# Diagnostic Medical Sonography

## Associate in Applied Science Degree – Diagnostic Medical Sonography

Program Code 225

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### Program Prerequisites

This program has special admission procedures based on a program specific GPA ranking and limited enrollment. A certain number of seats will be reserved for certified medical imaging professionals. See the specific admission requirements for Health Science students on page 16. Contact Student Services Academic Advising at ext. 8128 or the Health Science office at 269-927-8768 for complete details. An academic advisor will help you determine prerequisites that are required and designed to prepare you for training in the program.

### Prerequisite and Support Courses (required to begin program)

** Biology 110, Human Anatomy & Physiology .....	4
** Physical Science 101, Physical Science: Chemistry and Physics .....	4
Health 166, CPR/AED .....	1
** Psychology 201, Introduction to Psychology .....	3
Reading 110, Medical Terminology .....	1
** Math 122, Intermediate Algebra .....	4
English 101, English Composition .....	3

### College Requirements

### Credit Hours

English 101, English Composition (completed as program prerequisite) .....	3
English 102, English Composition .....	3
Political Science 101, National Government, or Political Science 102, State Governments, or History 201, American History to 1865, or History 202, American History 1865 to Present .....	3
Physical Education 200, Healthful Living, or Physical Education 212, Health and Fitness, or Physical Education 214, Personal Health .....	1 or 3

### Major Requirements

Diagnostic Medical Sonography 100, Introduction to Diagnostic Medical Sonography .....	3
Diagnostic Medical Sonography 101, General Sonography I Abdomen .....	4
Diagnostic Medical Sonography 102, General Sonography I OB/GYN .....	4
Diagnostic Medical Sonography 103, Sonography Lab Applications I .....	3
Diagnostic Medical Sonography 104, Clinical Experience A .....	2
Diagnostic Medical Sonography 200, General Sonography II Abdomen .....	3
Diagnostic Medical Sonography 201, General Sonography II OB/GYN .....	3
Diagnostic Medical Sonography 202, Sonography Lab Applications II .....	3
Diagnostic Medical Sonography 203, Sonographic Physics I .....	3
Diagnostic Medical Sonography 204, Clinical Experience B .....	2
Diagnostic Medical Sonography 214, Clinical Experience C .....	5
Diagnostic Medical Sonography 224, Clinical Experience D .....	5
Diagnostic Medical Sonography 213, Sonographic Physics II .....	3
Diagnostic Medical Sonography 230, Introduction to Vascular Sonography & Lab Applications .....	4
Diagnostic Medical Sonography 234, Clinical Experience E .....	3
Diagnostic Medical Sonography 240, Sonographic Registry Review .....	2

\*\* Support course needed for graduation

### Diagnostic Medical Sonography Program Handbook

In addition to the rules stated in this catalog, Ultrasound students are required to abide by the rules stated in the Diagnostic Medical Sonography Program Handbook.

### About the Area of Study

The Diagnostic Medical Sonography program trains you to become a diagnostic medical sonographer. This 18-month program includes one spring semester and two summer terms of course work. You will obtain clinical experience at local healthcare facilities in addition to formal classroom instruction provided on campus.

Diagnostic medical sonographers are employed in hospitals, clinics, commercial x-ray laboratories and physician offices where they use sophisticated imaging equipment that is dependent upon sound wave technology. In addition to preparing patients and operating equipment, diagnostic medical sonographers also work with radiologists, referring physicians and hospital management to assure quality patient care and diagnosis.

Diagnostic medical sonographers also serve in capacities such as departmental managers, technical advisors and applications specialists, sales and service for Ultrasound equipment manufacturers, and as educators.

### Program Accreditation

Accredited by the Joint Review Committee on Education in Diagnostic Medical Sonography, located at 6021 University Boulevard, suite 500, Ellicott City, MD 21043; Phone 443-973-3251; <http://jrcdms.org>

The program is also accredited by the Commission on Accreditation of Allied Health Education Programs, located at 1361 Park Street, Clearwater, FL 33756; Phone 727-210-2350; [www.caahep.org](http://www.caahep.org)

### Associate's Degree

Upon completion of the 79-credit Diagnostic Medical Sonography program, graduates may apply for an Associate in Applied Science degree.

### Certification Examination

Qualified graduates are eligible to sit for the ARDMS or ARRT ultrasound credentialing exam.

### Sample Course Sequence

An advisor will help you make necessary changes to this recommended sequence.

### Associate Degree Program

Semester 1	Semester 2	Semester 3
DMSO 100	DMSO 101	DMSO 200
PHED 200	DMSO 102	DMSO 201
ENGL 102	DMSO 103	DMSO 202
POSC 101 or 102	DMSO 104	DMSO 203
or		DMSO 204
HIST 201 or 202		
Semester 4	Semester 5	Semester 6
DMSO 214	DMSO 224	DMSO 213
		DMSO 230
		DMSO 234
		DMSO 240