

Diagnostic Medical Sonography

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The diagnostic medical sonographer is a highly-skilled professional who uses specialized equipment to create diagnostic images. The Diagnostic Medical Sonography program at Cincinnati State offers students the opportunity to become entry-level diagnostic medical sonographers in the specialty areas of **cardiac and vascular sonography (DMSC)** or **abdominal, obstetrics, and gynecological sonography (DMSG)**.

Program graduates earn an Associate of Applied Science degree that includes a balance of general education and sonography courses. The program also includes supervised clinical experience on site at various health care facilities in the Greater Cincinnati area.

The program is a five semester (20 months) curriculum and includes unpaid clinical experiences. Courses in this program are scheduled primarily between 8:00 a.m. and 5:00 p.m., Monday through Friday.

The program is accredited by The Commission of Accreditation of Allied Health Education Programs (www.caahep.org (<http://www.caahep.org>)) 1361 Park Street, Clearwater, FL 33756, phone (727) 210-2350.

Upon successful completion of the program, graduates are eligible to take the American Registry of Diagnostic Medical Sonographers national certification examinations.

Diagnostic Medical Sonography—Cardiovascular (DMSC)

All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Program Prerequisites: BIO 152 Anatomy and Physiology 2, DMS 100 Survey of Sonography, MCH 101 Medical Terminology 1, MCH 138 Patient Care Skills or MCH 130 Nurse Aide Training, MAT 150 Intermediate Algebra, PHY 110 Health Physics. Students seeking admission to the Diagnostic Medical Sonography - Cardiovascular program must complete specific progression requirements. Students should meet with their academic advisor to discuss progression eligibility and deadlines.

Semester 1		Credits
ENG 101	English Composition	3
DMS 111	Sonographic Principles and Instrumentation 1	3
DMSC 120	Cardiovascular Sonography	3
DMSC 121	Cardiovascular Sonography Scan Lab 1	2
MCH 141	Electrocardiography 1	3
BIO 210	Cross Sectional Anatomy	2
Semester 2		
ENG 102	Composition and Argument	3
DMS 112	Sonographic Principles and Instrumentation 2	2
DMSC 122	Cardiovascular Sonography Scan Lab 2	2
DMSC 131	Vascular Sonography 1	3
DMSC 141	Echocardiography 1	3
BIO 240	Pathophysiology	3
Semester 3		
COMM 110	Public Speaking	3
DMSC 223	Cardiovascular Sonography Scan Lab 3	2
DMSC 281	Cardiovascular Clinical 1	3
Semester 4		
PSY 110	Introduction to Psychology	3
DMSC 224	Cardiovascular Sonography Scan Lab 4	2
DMSC 232	Vascular Sonography 2	3
DMSC 242	Echocardiography 2	3
DMSC 282	Cardiovascular Clinical 2	4
Semester 5		
CULT 105	Issues in Human Diversity	3
DMSC 225	Cardiovascular Sonography Scan Lab 5	1

DMSC 250	Cardiovascular Imaging Seminar	2
DMS 255	Ethics and Medical Law in Sonography	1
DMSC 283	Cardiovascular Clinical 3	4
Total Credits:		66

Diagnostic Medical Sonography—General Imaging (DMSG)

All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Program Prerequisites: BIO 152 Anatomy and Physiology 2, DMS 100 Survey of Sonography, MAT 150 Intermediate Algebra, MCH 101 Medical Terminology 1, MCH 130 Nurse Aide Training or MCH 138 Patient Care Skills, PHY 110 Health Physics. Students seeking admission to the Diagnostic Medical Sonography - General Imaging program must complete specific progression requirements. Students should meet with their academic advisor to discuss progression eligibility and deadlines.

		Credits
Semester 1		
ENG 101	English Composition	3
DMS 111	Sonographic Principles and Instrumentation 1	3
DMSG 120	General Imaging Sonography	3
DMSG 121	General Imaging Sonography Scan Lab 1	2
MCH 141	Electrocardiography 1	3
BIO 210	Cross Sectional Anatomy	2
Semester 2		
ENG 102	Composition and Argument	3
DMS 112	Sonographic Principles and Instrumentation 2	2
DMSG 122	General Imaging Sonography Scan Lab 2	2
DMSG 131	Abdominal Sonography 1	3
DMSG 141	Obstetrics and Gynecology Sonography 1	3
BIO 240	Pathophysiology	3
Semester 3		
COMM 110	Public Speaking	3
DMSG 223	General Imaging Sonography Scan Lab 3	2
DMSG 281	General Imaging Clinical 1	3
Semester 4		
PSY 110	Introduction to Psychology	3
DMSG 224	General Imaging Sonography Scan Lab 4	2
DMSG 232	Abdominal Sonography 2	3
DMSG 242	Obstetrics and Gynecology Sonography 2	3
DMSG 282	General Imaging Clinical 2	4
Semester 5		
CULT 105	Issues in Human Diversity	3
DMSG 225	General Imaging Sonography Scan Lab 5	1
DMSG 250	General Imaging Seminar	2
DMS 255	Ethics and Medical Law in Sonography	1
DMSG 283	General Imaging Clinical 3	4
Total Credits:		66