

# Diagnostic Medical Sonography



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## Bachelor of Diagnostic Medical Sonography

Diagnostic Medical Sonography (DMS) is a field of allied health that uses high frequency sound waves to create an image. The sonographer gathers related health information and produces images that are used by physicians to render a

medical diagnosis. The bachelor degree program includes both didactic and clinical instruction in the specialties of abdominal, gynecological, obstetrical, adult echocardiography (cardiac), and vascular sonography. The clinical courses consist of rigorous off-campus clinical experiences where the student gains hands on scanning experience that is in alignment with the didactic coursework, which when combined, prepares the student for a rewarding career in a highly specialized medical imaging profession.

The Bachelor of Diagnostic Medical Sonography degree is designed to prepare sonographers for career advancement into departmental management. The degree program combines a strong sonography education with management

and business courses to prepare a sonographer for a position that requires clinical expertise as well as entry-level business competency.

The Bachelor of Diagnostic Medical Sonography is a 2+2 program, adding two years of upper level coursework to an Associate of Applied Science degree in Diagnostic Medical Sonography (either General Sonography or Cardiovascular). A student possessing an associate degree in general sonography will complete the cardiovascular sonography track in the last two years of bachelor degree enrollment, as well as the remaining degree requirements. A student possessing an associate degree in cardiovascular sonography will complete the general sonography track in the last two years of bachelor degree enrollment, as well as the remaining degree requirements. In addition to the DMS core courses taken on campus, the Bachelor of Diagnostic Medical Sonography degree will include management, business, and professional development courses that may be taken on-campus or online.

Students seeking admission into the DMS Bachelor's Degree track must apply by completing the DMS Program supplemental application by April 1. There will be an interview process for advancement into the bachelor degree program from the associate degree program, and the top students will be chosen to move into the third year. For a complete copy of the admission policies and procedures, please contact the DMS program director.



\* Program approved by  
Ohio Board of Regents  
\* Both sonography associate  
degree programs are accredited  
through the Commission  
on Accreditation of Allied  
Health Education Programs  
(CAAHEP) [www.caahep.org](http://www.caahep.org)

# Diagnostic Medical Sonography

## 2+2 Completion Requirements:

DMS 41103 Abdominal Sonography or  
DMS 34003 Echocardiography I  
DMS 41203 Gynecological Sonography or  
DMS 38003 Vascular Sonography I  
DMS 41301 General Seminar I or  
DMS 33301 Cardiovascular Seminar I  
DMS 41504 General Sonography Practicum I or  
DMS 34504 Cardiovascular Practicum I  
DMS 41203 Abdominal Sonography II or  
DMS 35003 Echocardiography II  
DMS 42203 Obstetrical Sonography or  
DMS 39003 Vascular Sonography II  
DMS 42503 General Sonography Practicum II or  
DMS 35503 Cardiovascular Practicum II  
DMS 42301 General Seminar II or  
DMS 34301 Cardiovascular Seminar II  
DMS 43701 Breast Sonography or  
DMS 36001 Pediatric Echocardiography  
DMS 43503 General Sonography Practicum III or  
DMS 36503 Cardiovascular Practicum III  
DMS 43601 General Registry Review or  
DMS 34601 Cardiovascular Registry Review  
DMS 48802 Selected Topics in DMS  
HPE 10101 Wellness  
COM 33103 Health Communication  
HCA 31104 Fundamentals of Health Care Management  
HPE 1 hour activity course  
17 Hours of General Electives

*Total Bachelor of Diagnostic Medical Sonography Degree  
Credits: 120 credit hours (semester hours)*

The clinical education courses will be conducted at a variety of hospitals, clinics, and diagnostic centers within approximately a 75-mile radius of the University. Students are responsible for their own transportation to and from the various clinical education sites. The clinical education courses will be scheduled primarily for day rotations at the various clinical education sites.

Students must receive a background check (federal and state) with clear results and pass random drug/alcohol tests in order to remain in program. Students are responsible for all testing, background check and certification fees.

## Academic Requirements

- Successful Completion of DMS Associate Degree

A complete list of all entrance requirements, application procedures, and selection process for the Diagnostic Medical Sonography program is available upon request, in the current college catalog, or at [www.rio.edu](http://www.rio.edu).



## Contacts:

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