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 first year of bachelor degree enrollment (third year of a four year degree). A student possessing an associate degree in cardiovascular sonography will complete the general sonography track in the first year of bachelor degree enrollment (third year of a four year degree). The final year of the Bachelor of Diagnostic Medical Sonography degree completion (year four) will consist of management, business, and professional development courses that may be taken on-campus or online.

Space in the DMS program is limited due to availability of clinical sites. 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)

• For more information •

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Admissions: 1-800-282-7201

• URG/RGCC – www.rio.edu
• Online Admissions Application – www.rio.edu/admission

VISIT US ON THE WEB AT: www.rio.edu
Bachelor of Diagnostic Medical Sonography Curriculum

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 41503 General Sonography Practicum I or DMS 34503 Cardiovascular Practicum I
DMS 41203 Abdominal Sonography II or DMS 35003 Vascular Sonography 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 43504 General Sonography Practicum III or DMS 36504 Cardiovascular Practicum III
DMS 43601 General Registry Review or DMS 34601 Cardiovascular Registry Review
DMS 48802 Selected Topics in DMS
MTH 21404 Introduction to Probability and Statistics
HPE 10101 Wellness
COM 33103 Health Communication
HCA 31104 Fundamentals of Health Care Management
HPE 1 hour activity course
HUM 6 hours of Humanities electives

Total Bachelor of Diagnostic Medical Sonography Degree Credits: 112 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.

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.