

The UMBC Diagnostic Medical Sonography Program

- An accelerated, hands-on, 13.5-month program
- Three specialty areas available: Cardiac, Vascular, and General
- Accredited through CAAHEP & JRC-DMS
- High national registry exams pass rates
- High employment rate after graduation
- Largest alumni network of Ultrasound Professionals in the region

Why Sonography?

Sonographers are highly-skilled, medical professionals who work directly with patients to perform non-invasive imaging tests and procedures, providing physicians with diagnostic information about various organ systems of the body. Whether detecting a blood clot or cancer, seeing the signs of a stroke or monitoring an infant in the womb, Sonographers are key members of a medical team.

Between 2014 and 2024, nationwide sonography employment is expected to grow by 14% (onetonline.org). With a median hourly wage of \$27.44 (payscale.com), sonography has become one of the most attractive and in-demand professions in the medical field.

Why the UMBC Diagnostic Medical Sonography Program?

UMBC Training Centers is dedicated to educating and training competent, qualified sonographers.

As one of the area's most **highly regarded programs** in Diagnostic Medical Sonography, some of our distinctive program benefits include:

- Three sonography specialties available at the UMBC's South Campus: Cardiac, Vascular and General
- An accredited program through CAAHEP – Commission on Accreditation of Allied Health Education Programs and the JRC-DMS – Joint Review Committee on Education in Diagnostic Medical Sonography
- UMBC, our sponsoring institution, is accredited through the Middle States Association of Colleges and Secondary Schools
- A program designed to prepare students for the national registry exams
- Eligibility to sit for the registry exams, immediately after graduation
- Clinical sites very loyal to hiring UMBC graduates
- Program receives notice from clinics and hospitals when positions become available
- An accelerated, hands-on 13.5-month program
- Non-credit certificate awarded upon completion of the program

Come see what UMBC Training Centers' Sonography Program can do for you! We're here to help get you on the path to becoming a highly-skilled diagnostic medical sonographer.

Sonography Entrance Prerequisites

****60 college-level credits to include the following 12 prerequisite courses are required****

Mathematics (3 credits)

College-level algebra, or statistics, or higher mathematics course

Physics (3 credits)

Introductory, allied health, or general physics course

Biology (3 credits)

Any college level biology course with or without lab

Anatomy & Physiology I and II (4 credits each)

Human Biology I and II (with lab) is accepted

English Composition I (3 credits)

English Composition II (3 credits)

Psychology (3 credits)

Psychology (regarding human behavior)

Speech or Interpersonal Communication (3 credits)

Oral communications

Medical Terminology (credit or non-credit)

UMBC Training Centers offers an online course

Medical Ethics & Law (credit or non-credit)

UMBC Training Centers offers an online course

Computer Applications

(credit or non-credit certificate course)

Required for all students

UMBC Training Centers offers an online course

TOEFL Exam

Required for all international students who have not attended college level classes in the United States.

Minimum TOEFL iBT® score of 20 in each category

All Anatomy and Physiology courses must include a lab. The only substitution for Human Anatomy and Physiology is Human Biology I and II with lab.

Physics does not require a lab. Introductory, applied, general Physics or Physics of light and sound are accepted.

Computer Applications, Medical Terminology and Medical Ethics and Law (HIPAA) are offered online through UMBC Training Centers.

All prerequisite courses **MUST** receive a grade of "C" or better to count towards acceptance into the program, including transfer classes.

All prerequisite courses may be included in the 60 college credits required to apply for the program. If any prerequisites were not met as part of a degree program, they must be completed prior to acceptance into the program.

Applicants may not be in progress with more than two courses during the spring semester in the year for which they apply.

FAQs

- Do you accept federal financial aid or grants?
No, at this time we cannot accept either, however, we are able to offer a student loan through Sallie Mae.
- How do I apply for a Sallie Mae loan?
Online at www.salliemae.com. You may apply for a "Smart Option Student Loan".
- When does the program start and how long does it last?
The program starts every summer and concludes 13.5 months later.
- What is the tuition for the program?
Currently, the tuition is \$20,995.00.
- What are the additional costs beyond tuition?
A \$250 registration fee is due upon enrollment plus the cost of a medical exam and a drug and background check. A \$1,000 lab fee is due in addition to the first tuition payment. Students are also responsible for parking fees at area hospitals, uniforms, books, lunch, professional organization fees, as well as registry exam fees upon completion of the program.
- What are the hours of the program?
Expect class and clinical hours to begin at 8 a.m. (unless otherwise stated.) The day concludes at 4:30 - 5 pm. Students are required to attend all classes/clinical during these hours Monday-Friday.
- Are there any evening or weekend classes?
No, at the present all classes are daytime classes that are held on weekdays.
- What certification do I receive upon completion of the program?
The UMBC Diagnostic Medical Sonography Program is a non-credit certificate program. A Certificate of Completion is awarded upon graduation from the program.
- Is the program accredited?
Yes, the program has been accredited by CAAHEP and the JRC-DMS since 1986. In November of 2013, the program was awarded re-accreditation for all three specialties for a period of five years. All graduates of the UMBC Sonography program are considered eligible to sit for the national registry exams upon graduation from the program. The program submits to a reaccreditation process periodically.
- What is the holiday or vacation schedule for students?
The program is closed 7 major holidays with extended breaks for Thanksgiving, Winter/Christmas, New Year's, and Spring Break.
- Can I continue to work while I am in the program?
We do not recommend students work while in the program due to the demands of the program. However, we recognize that some students must work to support themselves. Please be conscious of your work hours so that they do not interfere with class time and/or study time.
- What is the dress code for the program?
The dress code for class is casual; jeans, t-shirts, khakis, polo shirts, etc. Students must look neat and professional at all times. Gym clothes, sweat pants, shorts, mini-skirts, tank tops, halter tops, and mini t-shirts are not allowed, as well as anything obscene or offensive.
- Is there a required uniform for the program?
Yes, the UMBC Sonography program requires all students wear a uniform that identifies them as UMBC students while at clinical site rotations. The student must appear neat and professional at all times.

If you are interested in the program and would like to learn more, please attend one of our information sessions where you will have the opportunity to meet the program director, instructors, current students and alumni. You may contact the program or visit our Web site for specific dates and times or for more program information.

See: <http://www.umbctraining.com/sonography> .

ADMINISTRATION & FACULTY

- **Stacy Fisher, MD**
Medical Director, Cardiac Sonography
University of Maryland Medical Center
- **Joel Fradin, MD**
Medical Director, General Sonography
Johns Hopkins Bayview Medical Center
- **Michael Lilly, MD**
Medical Director, Vascular Sonography
University of Maryland Medical Center Midtown Campus
- **Yvonne Brotzman, BS, RDMS, RVT, RDCS**
Program Director
Vascular Concentration Coordinator
- **Cathy Trageser, RT, RDMS**
General Concentration Coordinator Instruction and Clinical Coordinator
- **Liesel Tavenner, MBA, RDMS, RVT**
General Sonography and Sonographic Principles and Instrumentation Instructor
Vascular Clinical Coordinator
- **Eric Spicer, AA, RDCS**
Cardiac Instructor and Clinical Coordinator
- **Jeanne McStay, BA, RDMS**
Admissions Director

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