

**2021-2023**



# **Henry Ford Hospital**

## **Diagnostic Medical Sonography Program Booklet**

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Henry Ford Hospital School of Diagnostic Medical Sonography

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\* The information, policies, conditions, and fees stated in this Bulletin, are subject to change without notice.

## Important Program Information

- Applications are being accepted for the class beginning January 2023, and concluding January 2025, 24 months in length.
- The application deadline is August 31, 2022.
- There is a non-refundable \$60 application fee.
- Program tuition is \$8,000 + \$150 lab fee (textbooks not included – approximately \$800). Financial aid is not available.
- Interviews will be conducted in the fall 2020.
- All prerequisite courses, awarding of a degree, as well as health care observational experience must be completed prior to submitting your application.
- The completed application form, official transcripts, letter of intent, letters of reference and application fee must be received by the application deadline, and mailed in one envelope to the program office.
- All candidates selected for a program interview will be required to complete the Ultrasound Student Assessment Admission Exam on premises at Henry Ford Hospital. It will be scheduled and administered by program official prior to the interview. The Ultrasound Student Assessment Admission Exam will test your knowledge in physics, algebra, anatomy, pathophysiology, your ability to solve different problems as well as hand-eye coordination.
- Applicants cannot choose the date nor time of their interview.

### Notice of Nondiscriminatory Policy

Henry Ford Hospital's Diagnostic Medical Sonography Program does not discriminate on the basis of sex, race, handicap, religion, national origin, or veteran's status.

## Program Outcomes

Year	#Students entering	Graduates	Attrition	ARDMS Passing rate	Job placement rate
2021	6	5	16.6%	100%	100%
2019	5	4	20%	100%	100%
2017	8	7	12.5%	100%	100%
2016	7	6	16%	100%	100%
2014	8	8	0	100%	100%

No class in 2020, 2017 class extended into 2021

## Program Accreditation

The HFH DMS Program has full accreditation, through 2024, in the area of general sonography (which includes sonographic principles and instrumentation; abdomen; obstetrics; gynecology; and superficial parts) <http://www.caahep.org/Find-An-Accredited-Program>

Thus, Program graduates are eligible to take several of the examinations offered by the American Registry of Diagnostic Medical Sonographers (ARDMS).

The accrediting agency is: Commission on Accreditation of Allied Health Educational Programs (CAAHEP)

25400 U.S. Highway 19 N., Suite 158  
Clearwater, Florida 33756  
[www.caahep.org](http://www.caahep.org) 727-210-2350

The site visit agency is Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS)  
6021 University Boulevard, Suite 500  
Ellicott City, Maryland 21043  
[www.jrcdms.org](http://www.jrcdms.org) 443-973-3251

The Program's sponsor is the agency which accredits Henry Ford Health System – "The Joint Commission".

The Program also has an affiliation with Madonna University of Livonia, Michigan, and Concordia University of Ann Arbor, Michigan, which are in turn accredited by the Higher Learning Commission of the Commission of the North Central Association of Colleges and Schools.

Henry Ford Hospital / Medical Centers are accredited in General Ultrasound services through the American College of Radiology.

### **Henry Ford Hospital / Henry Ford Health System**

Henry Ford Hospital is an 803 bed, accredited, voluntary, non-profit, private hospital established in 1915.

Patient care, research, and education are combined to provide outstanding service to the public, the scientific investigator, and to its students. As the Hospital is affiliated with several medical schools and with over 15 allied health programs, a large percentage of the personnel at the hospital are students in some capacity.

The Hospital is not only one of the largest health care facilities in the Midwest, but also a well-respected teaching institution, whose graduates are currently employed in all areas of the country. The HFH Medical Group complement of over 900 physicians, includes over 350 full-time staff physicians, and more than 400 house officers receiving advanced education. The HFH Emergency Room is the busiest in Michigan. In addition, there are over 17,000 employees (including satellite personnel) providing professional, technical, and support services to the Hospital, five satellite ambulatory centers, and over 50 specialty clinics. The HFH system is affiliated with the Health Alliance Plan, the largest HMO in Michigan. A recent survey by US News and World Report rated HFHS as having the "top doctors" in more specialties than any other Southeast Michigan hospital.

One of the busiest areas of the Hospital is the Department of Radiology, occupying several sites on the second and third floor of the Hospital's clinic and west clinic buildings; as well as at the satellite facilities. The entire Radiology department performs over 300,000 procedures annually, with about 300 employees, including over 100 radiological technologists.

Currently, the Division of Diagnostic Ultrasound, of the Department of Radiology, consists of 3 staff radiologists (daily); several fellows and residents; 65 full-time /part-time / contingent staff sonographers; and 6-10 students. The Ultrasound examination volume is over 400,000 procedures annually.

## Profession Description

Medical Sonography is an imaging modality that is excellent in visualizing the soft tissues of the body. It is used to evaluate the abdominal organs, the pregnant uterus, the non-gravid pelvis, the heart, the eye, and the neonatal brain, as well as the neck, breast, scrotum, and other anatomical structures. Through Doppler ultrasound, the patterns of blood flow in vascular structures such as the carotid artery, renal transplant, tumors, and peripheral vessels may be studied. Ultrasound may be used in the operating suite to localize neoplasms or guide shunt placement.

The technique of using high frequency sound waves involves no discomfort, nor no proven hazard to the patient, and has been used in medical diagnosis for 3 decades. In recent years, this non-invasive technique has found new and expanded uses in the medical field, partly due to the improvement in instrumentation, but also due to the increased awareness of its potential value in diagnosis.

The diagnostic medical sonographer is a skilled allied health professional who performs ultrasound examinations under the supervision of a physician. The sonographer is required to integrate knowledge of anatomy, physiology, pathology, and ultrasound physics, and to apply this knowledge during the examination of a patient.

Successful sonographers are astute individuals who are adaptive and who evidence a high degree of dedication to the exactness of their work.

A strong work ethic, emotional maturity, and empathy are required skills for a successful sonographer. The sonographer works closely with the physician (sonologist) to attempt to solve a clinical problem.

The sonographer is required to exercise clinical judgment during the examination, by recognizing pathology, and by adjusting the examination technique and patient position, to highlight that pathology.

The sonographer is able to perform the following:



1. Obtain, review, and integrate pertinent history and supporting clinical data to facilitate optimum diagnostic results.
2. Perform appropriate procedures and record anatomic, pathologic, and/or physiologic data for interpretation by a physician.
3. Record, analyze, and process diagnostic data and other pertinent observations made during the procedure for presentation to the interpreting physician.
4. Exercise discretion and judgment in the performance of sonographic and/or other non-invasive diagnostic services.
5. Demonstrate appropriate communication skills with patients and colleagues.
6. Act in a professional and ethical manner.
7. Provide patient education related to medical ultrasound and/or other non-invasive diagnostic vascular techniques, and promote principles of good health. (Standards & guidelines at [www.caahep.org](http://www.caahep.org))

Medical Sonographers may work in hospital settings - radiology, obstetrical, vascular, or cardiology departments, to name a few. Others are employed in private physician offices and other outpatient facilities. Employment opportunities also exist in the commercial field, as application specialists, product managers, and salespersons. There are approximately 60,000 registered sonographers worldwide.

## Registration in Sonography

Voluntary registration in the profession of medical Sonography is obtained by successful completion of exams conducted after graduation, by the ARDMS ([www.ardms.org](http://www.ardms.org)).

Graduates of the HFH DMS Program take the ARDMS exams in the topics of Sonographic Principles and Instrumentation; Abdomen; and Obstetrics/Gynecology. (There are 7 other topics or areas in which the ARDMS offers examinations)

ARDMS fees, \$ 250 per exam, are the student's personal responsibility.

## Henry Ford Hospital Diagnostic Medical Sonography Program

The Diagnostic Medical Sonography (DMS) Program at Henry Ford Hospital (HFH) was begun in 1975, formally established in 1979, and initially accredited in 1984. The Program and its facility are dedicated to providing a worthwhile, extensive experience in medical sonography, integrating didactic and clinical education.

The 24-month program, the next class which will begin in January, 2021, places emphasis on the key areas needed to produce a quality sonographer: abdominal sonography, obstetrical & gynecological sonography; musculoskeletal sonography and ultrasound physics and instrumentation. The deadline for applying to that class is August 31, 2020.

Didactic classes are principally of the lecture format: clinical case presentations are also given. Most of the classes are taught by the program coordinator and the clinical coordinator; other classes are presented by the staff sonographers and the division physicians. Students have the opportunity to attend ultrasound conferences and guest lectures. The number of classroom hours varies between 8 and 20 hours per week.

The academic program is divided into six semesters. The essential academic subjects (ultrasound physics, abdominal sonography, obstetrical & gynecological sonography, and musculoskeletal sonography) are each divided into a beginning and an advanced section. Beginning sections are covered in the program's first semester. There are no classes on line. All classes require attendance in the classroom.

Introductory courses cover the anatomy, physiology, lab values, and commonly-encountered pathology of a particular organ system. The advanced courses cover rarer disease states and image interpretation.

The Program also offers introductory courses and some limited clinical experience in the following areas: vascular sonography and breast sonography.

Tests are given about every two weeks throughout the year.

Since sonographic examination is basically a display of anatomy, a major emphasis is placed on the understanding of the gross anatomy of the major organ systems examined by ultrasound. PowerPoint lectures, images, and demonstrations cover

the liver, biliary tree, pancreas, uterus, ovary, and placenta, as well as the developing fetus and the infant brain.

Image interpretation and sonographic pattern recognition is stressed throughout the course, in didactic lectures and case reviews. Student sonographers must develop an ability to make preliminary interpretations of the images she or he obtains.

In the Program, a thorough discussion of the physical principles and instrumentation which underlie sonographic examinations is presented; the physics course is conducted using lectures, problem-solving, and demonstrations of clinical equipment.

Based on a strong background in anatomy and sonographic pathology, the student receives a wide exposure to a variety of clinical applications of ultrasound. The student first observes sonographic examinations being conducted by a staff sonographer. In later months, the student begins to physically assist the sonographer, by performing portions of the study of a patient, under direct supervision.

As the student's clinical ability progresses, she or he is given more freedom to conduct the case, but is always supervised by a staff sonographer. Clinical performance is assessed quarterly with written performance standards; these are given to the student at the beginning of each quarter. Final competency tests during the last three months are also required, in several clinical areas.

Academic classes and clinical experience is concurrently utilized through each week of the program. Students are free to consult with the Program Coordinator or Clinical Coordinator at any time, on academic, clinical, or personal concerns. There are also several designated clinical advisors who help evaluate student performance, and who give the students additional clinical aid when necessary.

The students' clinical experience is primarily based at the Main Campus (the Hospital) in Detroit. The students have a limited clinical rotation to several of the Hospital's suburban satellite facilities. Students cannot choose their rotation site. Currently, the Division of Ultrasound has 6 scanning rooms in its main location: 6 rooms at the New Center site, and a total of 10 rooms at the other satellite facilities.

## Program Goals

The goals of the Program are to:

Prepare competent entry level general sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains provide an academic curriculum for the student to develop the cognitive skills to be a sonographer;

Provide a variety of clinical practice sessions and scanning labs for the student to develop the physical and evaluation skills to be a sonographer; prepare the students to take and pass the ARDMS examination in Ultrasound Physics and Instrumentation; Abdomen; Obstetrics & Gynecology; Musculoskeletal, Breast sonography; and Neonatal Neurosonography; give students an introductory experience in Vascular Sonography; prepare students to serve the community as a medical professional; offer an environment of continuous improvement in student education and staff development.

## Mission

Our mission is to provide innovative educational opportunities for preparing exceptional quality medical sonographers. The ultimate goal is to serve the students, the patients, the hospital, and the community.

## Vision

Our vision is to integrate our educational program with the delivery of healthcare services. We develop and support a program that leads change in preparing professionals for employment opportunities and evolving models of care. We refine skills in areas where expertise is essential, and monitor the quality of our program through measureable outcomes. We are continuously improving the environment for learning, using information systems, employing team skills and being culturally sensitive.

## Values

We have an obligation to students. We provide students with a quality education that is adaptive to their needs and to that of the profession. Students are our future. They embrace what we value through our instruction and by example. We instill

PRIDE: Professionalism, Responsibility, Initiative, Dedication, and Enthusiasm. People are our strength. Our work defines our success and determines our reputation. Patient care is paramount. We exist to serve those who need our services.

Clinical Education Centers:

Satellite facilities of the Department, which are in Detroit and in the suburbs of Dearborn, West Bloomfield, Sterling Heights, Livonia, Taylor and Troy: staffed by department sonographers.

### **Minor affiliates:**

**Vascular Lab, Division of Vascular Surgery,**

2nd and 8th floor, Henry Ford Hospital  
Staffed by sonographers from the Vascular Lab

**Children Hospital of Michigan, Detroit, Michigan**

### **Areas of Specialization**

The HFH DMS Program educates students in general sonography:

Physics, ultrasonography of the abdomen, abdominal Doppler, obstetrical & gynecological sonography, ultrasound of the superficial parts including breast sonography, musculoskeletal sonography and neurosonography. Graduates take the ARDMS examination in Ultrasound Physics, Abdominal ultrasound, Obstetrics & Gynecology, and Musculoskeletal sonography. With further clinical practice after graduation, a graduate may be able to take the ARDMS examinations in Breast sonography and in Pediatric Sonography.

At this time, students receive a clinical introduction to vascular sonography (2 weeks), and pediatric sonography, through a rotation to Children's Hospital of Michigan.

They also receive limited academic instruction in those areas. In the final clinical semester, students may have the option to spend additional time in one of those areas.

Graduates are not eligible to take the ARDMS examination in Vascular Sonography nor in Adult Echocardiography.

Sonography is direct patient care which requires touching patients. Gloves, gowns, and masks are used when appropriate for reasons of Universal Precautions.

HFH DMS students are required to scan any and all body parts of female and male patients. They will be required to perform ultrasound examinations of the abdomen, female pelvis, breast, scrotum, neck, arms and legs, prostate, rectum, penis, among others.

Although universal precautions are used, and specialized precautions as necessary, students are potentially exposed to infectious agents such as blood, feces, urine, and other body fluids.

## **Clinical Hours**

The student has academic and clinical hours totaling no more than 8 hours per day, 40 hours per week, for 24 consecutive months. Typical hours are 8am to 4:30pm, except when there is a 4pm lecture when the workdays end at 5pm. When students have a clinical day, without classes, typical hours are 7am-3:30pm. Students are not allowed to choose their clinical hours, nor their clinical assignments. \*Assigned afternoon and midnight shifts will occur to allow students to gain clinical experience in exams such as Neonatal Neurosonography.

## **Program Standards/ Graduation Requirements**

To successfully complete the program, and to graduate, the student must:

1. Show evidence of satisfactory clinical ability (performance objectives are established for each quarter) maintain passing grades.
2. The student must achieve a grade of 80 % or better, in every course; either as an original grade, or based on a make-up examination.
3. Apply the knowledge of anatomy and physiology and scanning procedures to competently demonstrate anatomical and pathological structures for the ultrasound exams instructed within the curriculum.
4. Provide accepted standards of patient care, safety and comfort.

5. Adhere to hospital, departmental and program policies. Program policies are listed in program policy manual given to each student upon acceptance in the program and reviewed with each student at start of the program.
6. Maintain regular attendance. Absenteeism in excess of the allotted days off must be made up, as discussed in the program description.
7. Complete the assigned case presentations, and student project.
8. No visible tattoos are allowed.

Upon graduation, students are given a certificate of graduation. There is no guarantee of employment upon graduation.

There is no job placement by the Program.

### **Admission Standards**

It is important for applicants to recognize that Medical Sonography Programs are not entry-level programs. Academic and clinical prerequisites are set by the accrediting body, the Joint Review Committee on Education in Diagnostic Medical Sonography.

It is advised that all applicants have observed sonographic procedures in an ultrasound department: a suggestion is to serve as a volunteer for several weeks in a hospital Radiology department. HFH Main Hospital Volunteer Services can be reached at (313)-916-7495; or 916-1876; Information is available online at [www.henryford.com/visitors/volunteer](http://www.henryford.com/visitors/volunteer) .

All candidates must have at least 40 hours of documented patient care experience (observation) in sonography, with at least 20 of those hours done in Henry Ford Hospital Ultrasound department.

To be considered for admission, all candidates must have recent, documentable patient care experience, and meet one of the following prerequisites:

#### **Prerequisite # 1**

Be a graduate of - or a student in good standing in - an allied health program that is patient-care related.

The program must have been a minimum of two years in duration. GPA must be a minimum of **3.0** overall or better, as well as a minimum 3.0 cumulative GPA in all science and non-science prerequisite coursework. Radiologic technologists, registered nurses, respiratory therapists, medical technologists are examples of health care professionals eligible to be considered for admission.

Applicants who are students, may be accepted on the condition that they successfully complete their allied health program. They are required to take, and pass, the registry/licensing examination(s), in that respective profession, by the end of the Medical Sonography Program's first semester. Failure to pass that examination will result in dismissal.

### **Prerequisite # 2**

Have a U.S. (or equivalent) Bachelor of Science or of Arts degree, or a U.S. (or equivalent) Associate of Science or of Arts degree, in any major, with a GPA of minimum **3.0** overall or better, as well as a minimum 3.0 cumulative GPA in all science and non-science prerequisite coursework. Applicant must have patient care experience observing sonographic examinations for a minimum of 40 hours. An equivalent pathway is to complete the two-year Preclinical imaging sciences (Associate of Science in Natural Science program) at Madonna University of Livonia, Michigan.

### **Prerequisite # 3**

Be a student in good standing in the Bachelor of Science in Diagnostic Medical Sonography Program at Concordia University, with a GPA of minimum 3.0 overall or better, as well as a minimum 3.0 cumulative GPA in all science and non-science prerequisite coursework. Applicant must have patient care experience observing sonographic examinations for a minimum of 40 hours.

### **Prerequisite Coursework**

Regardless whether a candidate meets prerequisites 1, 2 or 3, the following is mandatory for admission:

1. Two semesters of college math or algebra or trigonometry – any level
2. College physics (any level, except astronomy)
3. Two semesters of Human anatomy and physiology I & II with Lab



4. Pathophysiology
5. Medical terminology
6. Medical ethics and law
7. Communication skills (may be a speech component in an English or dedicated communications or speech course)

**All courses must have been completed within the past ten (10) years of application to the DMS program.**

**Patient care** - All candidates must have documentation of at least 40 hours of patient care experience in ultrasound. The applicant must obtain documentation on letterhead from the institution where the observation is completed that is signed by the chief sonographer or instructor. This documentation should include your name and time you observed. You may contact Volunteer services of a local hospital or health care facility to obtain this. At Henry Ford Hospital in Detroit, applications for volunteering are located at [www.henryford.com/visitors/volunteer](http://www.henryford.com/visitors/volunteer) . The phone number for volunteer services is 313-916-1876 / 916-7495.

The application deadline is August 31st, 2020. All documents are to be mailed in one envelope to the Program office. See the checklist that is attached to the application. If the college or university will not give you an “official” transcript, you can request that that official transcript be sent directly to the Program office.

The HFH DMS Program is a graduate program in medical education. As such, courses and clinical assignments are at an accelerated pace and volume. Including study time, it is not unusually that this Program requires a commitment of 55-70 hours per week. Maintaining employment while in the Program is not recommended. If employment outside the Program is necessary, it cannot conflict with the academic nor clinical schedule of the Program.

Due to the complexities and expense of processing a student visa request, the Program will not admit foreign students.

## **Personal Interview**

A personal interview is required part of the application process. Program Coordinator is responsible to evaluate all candidates for eligibility. A limited number of the eligible candidates will be selected for the interview process. Everyone will be informed of his/her eligibility and interview status. Candidates that are selected for the interview portion of the selection process will be interviewed. Everyone who is interviewed will be mailed or emailed a letter of acceptance or non-acceptance.

The interview process takes about 6 hours.

Candidates cannot choose the date nor time of their interview.

All travel and lodging expenses for the interview are the responsibility of the candidate.

Not all applicants are interviewed. Completion of the prerequisite courses does not guarantee an interview nor admission. Applicant files are not retained nor returned.

There is no waiting list.

## **Ultrasound Student Assessment Admission Exam**

All qualified candidates for an interview will be required to complete the Ultrasound Student Assessment Admission Exam on premises at Henry Ford Hospital scheduled and administered by program official prior to the interview. Cost is included in program application fee.

## **Selection Criteria**

Candidates are selected into the program based on valid and objective admission criteria. The principle criteria in which candidates are selected are (in no particular order of importance) academic standings, clinical/patient care experience, and results of the Ultrasound Student Assessment Admission Exam and personal interview by candidate selection committee.

The principles of candidate selection are:

1. Academic and clinical performance in prior allied health education, and in college.
2. Letters of recommendation.

3. A complete application package submitted on time.
4. Passing the Pre-entrance physical, which includes a drug screening (Scheduled one week prior to the beginning of school)
5. Passing a criminal background check and a reference check
6. Results of the Ultrasound Student assessment Admission Exam and personal interview by candidate selection committee.
7. The admission committee's perception of the candidate's motivation, maturity, and ability.

There is no waiting list.

### **Minimal Physical Requirements**

All applicants are notified of the minimum physical requirements appropriate to Diagnostic Medical Sonography. The Technical Standards Survey (see application forms) must be completed and returned with application.

It is program policy, in compliance with the Americans with Disabilities Act (ADA), to provide reasonable accommodation to select qualified, disabled individuals so that they can perform the essential functions of the job. Reasonable accommodation will be provided to such individuals unless it imposes an undue hardship upon the program.

### **Veterans Benefits**

Eligible students enrolling in the program are eligible to apply for veteran's benefits.

### **Transfer Credit and Prior Credit**

Prerequisite courses may have been taken at an accredited college or university. Transfer credit will be accepted only if the course(s) are listed on an official transcript from another academic institution and meet program standards/requirements.

## Application Process

All application materials – transcripts, letters of recommendation, etc., – are to be sent at the same time in one envelope to the program office. See the check list that is with the application form.

Completion of the application process, requires, in addition to an interview, that the following materials be submitted prior to the application deadline of August 31<sup>st</sup>, 2022:

1. Official high school transcript (HS transcripts do not need to be sent if candidate's date of graduation is more than ten (10) years from date of application).
2. Official transcript from an allied health program, if an allied health program was attended
3. Official transcript from college(s), if college(s) was attended
4. Foreign transcripts must be preevaluated by Educational Credential Evaluators, Inc. <http://www.ece.org>
5. Proof of licensing/registration in an allied health profession, unless a current student in that profession, if applying under prerequisite #1
6. Proof of a U.S. college degree, if applying under Prerequisite # 2
7. At least two typewritten, signed letters of recommendation, on letterhead stationary, from a manager who has known you in a professional capacity, such as a physician, instructor, program director, or supervisor.
8. Application fee of \$60 (make check payable to Henry Ford Hospital)
9. Technical Standards Survey
10. Documentation of 40 hours of patient care experience, with at least 20 of those hours done in Henry Ford Hospital Ultrasound department.

Note: transcripts and high school / college graduation will be verified. A criminal background check will be completed on accepted candidates. Prior employment and school attendance will be verified.

Letters of recommendation must be signed, typed, and on letterhead stationary; handwritten letters are not acceptable.

Transcripts must be ORIGINAL, OFFICIAL transcripts of the school or college. Student copies of transcripts are not accepted. Letters, application forms, and transcripts cannot be faxed nor emailed. If a college will not provide official transcripts to the student, the student may request that the college mail the transcript directly to this program office. All application materials should be mailed to:

Elena Gainey, MD, RDMS, RVT  
Ultrasound Division  
Radiology Department, WC 370  
Henry Ford Hospital  
2799 West Grand Blvd  
Detroit Michigan 48202-2689

## Financial Information

### Tuition and Lab Fee

The 2023-2025 program tuition is \$8,000 plus a \$150 lab fee and \$60 application fee. The first \$2,000 for tuition is due with the Letter of Agreement, upon acceptance into program.

The second \$3,000, plus a \$150 lab fee (totaling \$3,150) is due on the first day of the program (January 9, 2023). The remaining balance (\$3,000) is due once 6 months of the program has been completed (July 9, 2023).

**Required textbooks must be purchased by students and NOT included in the tuition amount (2019 textbook costs are approximately \$800).**

All application fees and tuition payments are **nonrefundable after payment is received**. All tuition fees are due at designated payment dates and would constitute program dismissal if not paid by these deadlines.

### Financial Aid

The HFH DMS Program does not participate in any financial assistance programs.

### Tuition Forgiveness Program

The tuition forgiveness program is not available.

## Expenses

Students are responsible for purchasing required “scrub-type” uniforms and shoes that meet hospital and all clinical affiliate requirements. Students will need to purchase their own binders to hold coursework materials for program.

After graduation, the student is responsible for their National Examination (ARDMS) fees which are \$250 per examination.

### Possible additional costs:

1. Membership in the Michigan Sonographers' Society - MSS (free)
2. Membership in the Society of Diagnostic Medical Sonographers – SDMS (fee - \$45)
3. Membership in the American Institute of Ultrasound – AIUM (fee-\$25)

Scholarship information is available from:

#### **The SDMS Educational Foundation**

2745 Dallas Pkwy Ste. 350

Plano, TX 75093-8730

(214) 473-8057 or (800) 229-9506

Radiologic Technologists should contact the **Michigan Society of Radiologic Technology (MSRT)** for scholarship information through V. Kay Williams MS, RT(R), ARRT Chairperson MSR Scholarship and Grant Committee  
1924 Crabtree Lane  
Jenison, Michigan 49428  
(618) 457-4721

## Time Off

60 hours of scheduled and unscheduled time off sick time and vacation time are allowed for in the 24-month program. There are also week-long breaks in the spring and in the summer. In addition, students are off on legal holidays, during Christmas week, and on the Friday after Thanksgiving. The only acceptable reasons for excessive time off are pregnancy leave or illness. Excessive absenteeism is grounds for discipline up to dismissal. Classes are not repeated for absent students.

Tardiness in either the classroom or clinical setting will result in time off subtracted from the students' elective time off.

## **Student Working During Program**

Due to the intensity and volume of course material, maintaining employment while in the program is not recommended. If employment outside the program is necessary, it must not conflict with the academic or clinical schedules and not interfere with clinical or academic performance.

## **Background check/Investigation**

Accepted candidates must pass the Hospital health screening, and a criminal background check. Final acceptance into the ultrasound program is contingent upon a satisfactory background check.

## **Security**

The Hospital has its own armed security force. In addition, approximately 10,000 employees, visitors, and patients are in the Hospital every weekday. Student parking is provided in several guarded, well lighted lots, approximately four blocks from the Hospital. Shuttle bus service is from 5:30am to 10pm.

## **School List**

For a complete listing of ultrasound programs in the USA and Canada, contact the SDMS at [www.sdms.org/public/career.asp](http://www.sdms.org/public/career.asp) or CAAHEP at [www.caahep.org](http://www.caahep.org) find an accredited program. There are over 200 Programs in the US and 11 in Michigan.

Information on the Profession of Medical Sonography

Individuals are encouraged to utilize the following websites:

[www.sdms.org/public/career.asp](http://www.sdms.org/public/career.asp) - sonographers' professional organization

[www.aium.org](http://www.aium.org) - physicians'/physicists' / sonographer's professional organization

[www.ardms.org](http://www.ardms.org) - examination standards

## Henry Ford Hospital School of Diagnostic Medical Sonography Technical Standards Survey 2023-2025

All applicants to the School of Diagnostic Medical Sonography are notified of the minimum requirements appropriate to the profession of Sonography.

The Americans with Disabilities Act (ADA) technical standards for the profession of diagnostic medical sonography include the ability to perform all of the following with reasonable accommodations:

- Manage heavy academic schedules and deadlines
- Achieve an 80% or higher average for each didactic unit
- Read and comprehend relevant information in textbooks, medical records and professional literature
- Retain and apply information
- Measure, calculate, reason, analyze and synthesize complex information
- Apply knowledge and learning to new situations and problem solving scenarios
- Organize and accurately perform the individual steps in a sonographic procedure in the proper sequence and within the required time frame
- Perform in fast-paced clinical situations
- Lift more than 50 pound routinely
- Push and pull routinely
- Bend and stoop routinely
- Have full use of both hands, wrists and shoulders
- Distinguish audible sounds
- Adequately view sonograms, including color distinctions
- Work standing on their feet 80% of the time



- Able to remain calm and focused during instruction or performance of sonographic exams
- Interact compassionately and effectively with the sick or injured
- Assist patients on and off examining tables

Are you able to perform all of the technical standards identified above with reasonable accommodations?

YES \_\_\_\_\_ NO \_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

All candidates have to sign the Technical Standards Survey prior to admission to the program.

### **Graduate Testimonials**

Good clinical experience, good education, small class size, direct communication daily with radiologists

- S Z

Classroom instruction was very thorough and detail orientated.

- M D

HFH has by far one of the best schools of Sonography.

- J W

Great amount of hands on scanning with very experienced sonographers.

- J C

We learned good ergonomics to reduce our risk of injury.

- L G

Since it has been almost a year since graduation, I have been doing a lot of reflecting of my education and the journey I have taken so far.

I have to admit that Henry Ford's Ultrasound Program has prepared me so much more than I could ever expect. The staff (especially you and Cindi) have given me the tools to be a great Sonographer. My independence and confidence has grown significantly since graduation. I am incredibly grateful that I got to be a student and work and learn from you both and the rest of the staff at Henry Ford. Thank you so much for everything that you do.

- SK

### **Testimonials from Employers**

\_\_\_ has been a great asset to our department.

Her scans are top notch! - D B

\_\_\_ came out highly trained and confident in all areas.

- D C

\_\_\_ is very confident and a fast learner...a perfect fit for our department.

- L R

\_\_\_ has been a great addition to our team in terms of quality and ability to pick things up quickly. The radiologists are pleased with the quality of her work.

- S W

\_\_\_ is a wonderful addition to our staff. She communicates well and is well liked by her peers. She is professional and great with patients.

- T D

\_\_\_ is a very motivated sonographer. She is working a second shift with requires independent thinking. She has adjusted well to our department's needs.

- D H