

**State of Illinois  
Occupational Employment Projections (Long-term)  
2022-2032**

Code	Standard Occupational Classification (SOC) Title	Base Year Employment 2022	Projected Year Employment 2032	Employment Change 2022-2032		Average Annual Job Openings due to				Annual Compound Growth
				Number	Percent	Exits	Transfer	Growth	Total	
29-2032	Diagnostic Medical Sonographers	2,980	3,304	324	10.87	86	73	32	191	1.04

\* Shows that these fields are required

## Training Program Initial Criteria

### Necessary Requirements for Initial Certification

(For programs to be eligible, one of the following two criteria must be met)

1. Is the provider/program seeking WIOA certification currently approved or accredited under an existing process recognized by the State of Illinois?  
Yes  
If yes, please check all types of accreditation and approval that apply.  
 North Central Association  
 Illinois Community College Board  
 Illinois State Board of Education  
 Other(Specify)
2. Is the program for which WIOA certification is being sought been recognized as meeting industry approved standards such as Pro Start for food services, A Plus for computers and ASE for auto mechanics?  
No  
If yes, identify the standard(s)

## Training Program Basic Information

1. \* Program Name (For Providers Only, if you publish a course catalog, this name must match the one used in the catalog)  
Diagnostic Medical Sonography
2. Program Description  
a. \* Please provide a short description of your program. For Providers Only, this description must be detailed enough so that your program can be identified with a Classification of Instructional Program (CIP) code. If you know the CIP code of your program, please type it in the space provided. If not, leave the data field for the CIP code blank.  
The Diagnostic Medical Sonography (DMS) program's mission is to prepare competent entry-level sonographers who will provide exceptional patient care accomplished through high quality education in didactic, laboratory, and clinical instruction with emphasis on the cognitive, psychomotor, and affective learning domains.  
b. \* If you know it, what is the 6-digit CIP code?  
510910  
c. If there is a website that provides more program information, please provide the address.  
<https://www.sehcollege.edu/academics/diagnostic-medical-sonography/>  
d. \* Training Program Type:  
Vocational  
d. Registered Apprenticeship Type:
3. Is this a credit hour program?  
Yes  
If yes, how many credit hours for program completion?  
68.0  
What is the curriculum code for this program (if one exists)?
4. \* How many weeks does it typically take to complete this program?  
80
5. What is the total hours of instruction/classroom/lab time?  
1200.0
6. \* Other than employment, what is the primary goal of the program?  
 Associates Degree  
 Bachelors Degree  
 Certificate of Completion - Apprenticeship  
 Community College Certificate of Completion  
 Employment  
 Industry Recognized Certification  
 License  
 Measurable Skills Gain (Lead to Credential)  
 Measurable Skills Gain (Lead to Employment)  
 Other  
 Secondary School Diploma or GED  
If other, specify:  
If Certification, License, or Registration, what is the name of the certifying, licensing, or registering body?  
Acc. of Allied Health Ed Programs
7. \* For Providers Only, please put a check in the box of each O\*Net Occupation code where this training program is offered.  
 292032 Diagnostic Medical Sonographers
8. What are the program offerings? (Check all that apply)  
 Full-Time Enrollment       Part-Time Enrollment       Internships  
 Non-English Instruction       Classroom Instruction       Labs  
 Weekend Classes       Night Classes       Day Classes  
 Online/E-Learning Instruction       Open Entry/Exit       Other(Specify)  
If other, specify
9. What are the entry level requirements of the program? (Check all that apply)  
 Drug/Alcohol Screening  
 HS Diploma/GED  
 Associate Degree  
 Bachelor Degree

- Physical Exam
- Math(Specify)
- Reading(Specify)
- Language(Specify)
- Writing(Specify)
- Prerequisites(Specify)
- Other(Specify)

See website

10. \* What is the total cost of this program? (round to the nearest dollar amount)

Tuition :	\$29,444	
Books :	\$1,874	
Fees :	\$1,904	
Tests :		
Other Expenses(Materials, Supplies, Tools, Uniforms, etc) :	\$1,912(Description)	Uniforms, other fees
<b>TOTAL COST:</b>	<b>\$35,134</b>	

**NOTE:** The costs listed above are for those individuals who live in-district. Costs may be higher for out of district residents.

11. Types of Financial Aid Available (Check all that apply)

- Pell Grants
- Illinois Monetary Award Program
- Federal loans(Stafford, PLUS, etc)
- Institutional Scholarships
- Other(Specify)

If other, Specify Outside Scholarships

12. \* What year was the program established?

2023

13. \* Please put a check in the box of each location where this training program is offered.

- 2001 Williams Street #2 Cape Girardeau, MO 63703
- 1701 Lacey Street Cape Girardeau, MO 63701-5230

14. \* Has the provider given assurance and certifications that their agency fully complied with the nondiscrimination, equal opportunity, and disability provisions of the Workforce Investment Act of 1998? (29 CFR 37.20, 29 CFR 37.42 & 54)

Yes

15. \* Is the facility and programs accessible to all people with disability? (29 CFR 32.3)

Yes

16. Please describe the application procedure for this program. For Providers Only, include in this description any documents or materials that the customer should bring when applying for this program.

See website: <https://www.sehcollege.edu/academics/diagnostic-medical-sonography/>

# Diagnostic Medical Sonography

The Diagnostic Medical Sonography (DMS) program's mission is to prepare competent entry-level sonographers who will provide exceptional patient care accomplished through high quality education in didactic, laboratory, and clinical instruction with emphasis on the cognitive, psychomotor, and affective learning domains.

## Diagnostic Medical Sonography Program Introduction



## Admission Criteria

Students will be admitted in the fall semester of each year. The AAS in DMS has a limited enrollment number and meeting the admission requirements does not guarantee admission.

Complete required general education courses with minimum grade of "C" or better.

These courses must be taken prior to beginning program courses.

- AH 200 Statistics\*
- BI 151 Anatomy and Physiology I & Lab
- COM 100 Oral Communications
- ENG 100 English Composition
- PHY 100 Introductory Physics

These must be taken in semester indicated or other semester before completion of program.

- PSY 100 Psychology\*\*
- Fine Arts/Humanities Course

\*Statistics is preferred but College Algebra is acceptable.

\*\*Psychology is preferred but other Social/Behavior science courses are accepted.

Individual course grades will be used as part of point system to rank applicants for admissions to the DMS program.

- High School transcript or GED/HiSET Equivalent
- Minimum ATI TEAS score of 58.7%

### ATI TEAS testing information

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## Admission Information

Qualified applicants for the DMS program are ranked using a point system from highest to lowest. Points are awarded based on the following criteria:

- Prerequisite grades in Anatomy & Physiology I, Physics course, and Math course with an "A" receiving 5 points, a "B" receiving 3 points, and a "C" receiving 1 point for each course. If courses are taken at Southeast Missouri Hospital College of Nursing & Health Sciences, then 1 additional point will be added to grade for that course.
- For applicants who provide transcript of degree and copy of current license/certification for eligible 2 or 4-year degree nursing or allied health profession, 5 points will be awarded. Applicants with approved transcript of health-related certificate or CNA certification are awarded 2 points toward admission to the DMS program.
- If two or more applicants have the same number of points, the ATI TEAS score will determine final ranking.

Applicants will be notified of contingent acceptance to the DMS program through email. Applicants not accepted may be placed on an alternate list for current admitting year only. Applicants not accepted to the DMS program should schedule an appointment with a Southeast Health College of Nursing & Health Sciences advisor to discuss other educational opportunities or continue course work for reapplication the next year. Applicants will be re-ranked each year for admission.

### Diagnostic Medical Sonography Admission Criteria



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## Curriculum Plan

### Example Curriculum Plan

#### Required General Education Courses

AH 200 Statistics (3)\*

BI 151 Anatomy & Physiology I (4)

COM 100 Oral Communications (3)

ENG 100 English Composition (3)

PHY 100 Introductory Physics (3)

#### First Year Fall Semester

DMS 100 Introduction to Sonography - first 8 weeks (2)  
DMS 110 Ultrasound Physics I (3)  
DMS 120 Ultrasound of Abdomen/Small Parts I w/lab (4)  
DMS 130 Ultrasound of Obstetrics/Gynecology I w/lab (4)  
DMS 140 Clinical I - second 8 weeks/1 day per week (1)

### **First Year Spring Semester**

DMS 210 Ultrasound Physics II (3)  
DMS 220 Ultrasound of Abdomen/Small Parts II w/lab (4)  
DMS 230 Ultrasound of Obstetrics/Gynecology II w/lab (4)  
DMS 240 Clinical II - 3 days per week (3)

### **First Year Summer Semester**

DMS 211 Physics Board Review (2)  
DMS 250 Clinical III - 4 days per week/8 weeks (4)  
Fine Arts/Humanities Course (General Education Course) (3)\*\*  
PSY 100 Psychology (General Education Course) (3)\*\*

### **Second Year Fall Semester**

DMS 260 Clinical IV - 4 days per week (4)  
DMS 270 Vascular Ultrasound I w/lab (4)  
DMS 212 Abdomen/Small Parts Board Review - first 8 weeks (2)  
DMS 214 Obstetrics/Gyn Board Review - second 8 weeks (2)

## **Total Semester Hours Required: 68**

\*Statistics is preferred but College Algebra is acceptable.

\*\*General education courses that may be taken in semester indicated or other semesters before completion of program. Psychology is preferred but other Social/Behavior science courses are accepted.

## **Other Information**

### Program Accreditation

Southeast Missouri Hospital College of Nursing & Health Sciences Diagnostic Medical Sonography program is currently seeking accreditation in Abdominal Sonography – Extended, Obstetrics and Gynecology Sonography, and Vascular Sonography concentrations by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS). Once accredited, this status will allow DMS students to register with the American Registry of Diagnostic Medical Sonography (ARDMS) for the Registered Diagnostic Medical Sonographer (RDMS) specialty board examinations 60-days prior to graduation. Students will take the Sonography Principles and Instrumentation (SPI) during the summer semester of the program and until program accreditation is achieved, apply to take American Registry of Radiologic Technologists (ARRT) Sonography exams upon successful completion of the Associate of Applied Science degree in Diagnostic Medical Sonography.

### Compliance for Registration and Clinical Rotations

The Diagnostic Medical Sonography program follows compliance policies for the ARDMS and ARRT regarding applicants for board exams through respective agencies and needs of clinical sites. Students are required to submit to background check and drug screening through Southeast Health College of Nursing & Health Sciences designated service provider. Information obtained from background check and drug screening could jeopardize a student's ability to participate in clinical experiences resulting in the inability of the student to complete the DMS program.

Application for certification examination with the American Registry of Diagnostic Medical Sonographers (ARDMS) and American Registry of Radiologic Technologists (ARRT) contains questions as to whether an applicant has ever been convicted of a misdemeanor or felony excluding minor traffic violations. ARDMS or ARRT may deny an application for certification based on answers to questions in the application. If a student has questions about their eligibility for certification, a pre-application process is available by the ARDMS or ARRT.

## Program Goals

The goals of the Diagnostic Medical Sonography program include:

- To prepare competent entry-level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains for the abdominal sonography-extended, obstetrics and gynecology and vascular sonography concentrations.
- Providing a comprehensive DMS program to produce competent and compassionate diagnostic medical sonographers to be part of a diverse health care team.
- Promoting lifelong learning within the profession of diagnostic medical sonography.
- Serving as a resource for ultrasound departments in Southeast Missouri.

## Student Achievement Data

The first cohort of students began the program fall 2023 and outcome data for the DMS program retention, program completion, job placement, and board certification will be published as available.

Southeast Missouri Hospital College of Nursing & Health Sciences Diagnostic Medical Sonography program focuses on Abdominal Sonography – Extended, Obstetrics and Gynecology Sonography, and Vascular Sonography concentrations.

Students will be encouraged to take the Sonography Principles and Instrumentation (SPI) during the summer semester of the program, and apply to take American Registry of Radiologic Technologists (ARRT) Sonography exam upon successful completion of the Associate of Applied Science degree in Diagnostic Medical Sonography. Students will be encouraged to take American Registry for Diagnostic Medical Sonography (ARDMS) specialty board examinations based on examination requirements and prerequisites.

## Additional Resources

- **American Registry for Diagnostic Medical Sonography**
- **American Registry of Radiologic Technologists**
- **Joint Review Committee on Education Diagnostic Medical Sonography**
- **Society of Diagnostic Medical Sonography**

## Student Learning Outcomes

In meeting the DMS program goals, graduates will be equipped to:

- Demonstrate academic knowledge and clinical competency in performing sonographic exams and diagnostic procedures (cognitive).
- Obtain, review, and integrate patient and clinical history to facilitate diagnostic results (cognitive).
- Record, analyze and process accurate anatomic, pathologic, and/or physiologic information on sonographic exams for presentation to interpreting physicians (psychomotor).
- Employ critical thinking skills to integrate patient information, clinical history, and sonographic information (psychomotor).
- Facilitate quality communication to elicit patient cooperation and understanding of sonographic exams (affective).
- Provide compassionate patient care (affective).
- Demonstrate effective communication skills with patients and colleagues (affective).
- Demonstrate skills for lifelong learning and professional contribution (affective).
- Act in a professional and ethical manner (affective).

## Tuition, Fees and Financial Aid

- **Fee Schedule and Cost Estimates**
- **Financial Aid**

*Applications for 2024 are closed. Applicants for the 2025 cohort will be reviewed in April 2025. The deadline for all application materials is March 28, 2025.*

**APPLY NOW**

## Academic Programs

### Academics

**Associate of Arts**

**BSN Completion Programs**

**> Diagnostic Medical Sonography**

**General Education**

**Medical Lab Science**

**(LPN) Practical Nursing**

**Radiologic Technology**

**Registered Nursing**

**Surgical Technology**

## Contact Us

SoutheastHEALTH College of Nursing & Health Sciences

2001 William St.

Cape Girardeau, MO 63703

**Map and driving directions**

**573.334.6825**

## Related Links

**Diagnostic Medical Sonography Fact Sheet**

**Transfer Guide**