

## Program Information and Admission Requirements

• Fall 2025 •

# Diagnostic Medical Sonography (DMS) Associate in Science

### Application Deadline

Priority consideration will be given to completed applications, including all requirements and documentation, received by February 1, 2025. Final Admissions decisions will be made by April, 2025.

### Special Note Regarding Residency

Non-Massachusetts residents will be admitted on a space available basis only.

### Program Description

The Diagnostic Medical Sonography Associate in Science degree program provides the knowledge and techniques required for specialization in the field of Diagnostic Medical Sonography. Students receive training in producing the ultrasound images used by physicians in the diagnosis of disease, injuries and other medical conditions. The curriculum has a general education component, with a concentration in relevant science courses. Students achieve proficiency in sonographic physics and instrumentation, obstetrical, gynecological, abdominal, vascular and pediatric sonography. There is an extensive clinical practicum which may include rotations through several clinical sites. A number of clinical affiliates are located throughout Massachusetts. Graduates of the program are eligible to take the American Registry of Diagnostic Medical Sonographers certifying examination.

The Diagnostic Medical Sonography program is a full-time 24 month academic program which includes two summers during your enrollment, one of which takes place the summer after May graduation.

All sonography classes are held during the day at Middlesex Community College's Bedford campus. Transportation to off-campus clinical sites is not provided. The required hospital clinical internship requires up to 3 days per week for 5 clinical practicums, including 2 summer practicums. This is an unpaid internship.

### Admission Information

Admission to the program is competitive. The availability of appropriate clinic placement sites, an integral component of the program, requires us to limit admissions. For the Fall 2024 class, only one of every four qualified applicants was offered admission. The admission committee will review applications in their entirety. In addition to the admission requirements listed above, successful applicants will have documented success in science courses. Academic history will also be considered and students are required to have a minimum cumulative 2.7 GPA. Transfer of credits and credits for experiential learning may be applied towards the general education course requirements. There is no advanced placement option for the sonography program. **COVID Vaccine required at all clinical sites.**

### Admission Requirements Checklist

The following are the admissions requirements needed for program qualification:

- **Completion of college Anatomy & Physiology I and II with labs**, with grades of B (83%) or higher within the last 5 years (*Fall 2020 or later*).
- **Completion of college Physics**, with a grade of C (73%) or higher within the last 5 years (*Fall 2020 or later*).
- **Cumulative college GPA of 2.7 or higher.**
- **Submission of resume.**
- **Eligible for ENG 101 and MAT 177;** eligibility may be demonstrated through placement, course enrollment, previous college coursework, or high school transcripts.
- **Submission of three Recommendation Forms.** It is recommended that at least two Recommendation Forms be requested from individuals who can evaluate the applicant's performance in a work or classroom setting.
- **Attendance at a Diagnostic Medical Sonography and Radiologic Technology Overview Session** - sessions will begin September 2024 for students interested in applying for Fall 2025. Session schedule and registration is available at [www.middlesex.mass.edu/admissionrequirements/overview.aspx](http://www.middlesex.mass.edu/admissionrequirements/overview.aspx)

### Submitting a Complete Application

If you meet the admission requirements, the following forms must be submitted by the application deadline of February 1, 2025.

- A completed online Middlesex Community College Application
- Uploaded resume
- Submission and receipt of three completed recommendation forms
- Submitted official college transcripts (required from all colleges attended, except Middlesex Community College). Official transcripts can be sent to [transcripts@middlesex.edu](mailto:transcripts@middlesex.edu) or

**Middlesex Community College  
Enrollment Management Center  
33 Kearney Square  
Lowell, MA 01852**

### Criminal Offender Record Information and Sex Offender Registry Information Checks

In order for a student to be eligible to participate in an academic, community or clinical program that involves potential unsupervised contact with children, the disabled, or the elderly, the student may be required to undergo a Criminal Offender Record Information (CORI) check and/or a Sex Offender Registry Information (SORI) check.

For more information regarding Middlesex Community College's CORI/SORI check process, please contact Human Resources at <https://www.middlesex.mass.edu/humanresources/> or call 781-280-3527.

The ARDMS may deny, revoke or otherwise take action with regard to application or recertification of an applicant or registrant in the case of, the conviction of, plea of guilty, or plea of nolo contendere to a crime which is directly related to public health or the provision of diagnostic medical sonography services.



**MIDDLESEX**  
Community College

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# Curriculum

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# Diagnostic Medical Sonography (DMS)

Associate in Science

Course #	Course Title	Credits
SON 100	Introduction to Ultrasound Scanning and Associated Imaging and Invasive Procedures	3
SON 101	Sonographic Physics and Instrumentation I	3
SON 102	Principles of Abdominal Sonography	3
SON 103	Sonographer Role and Patient Care	3
SON 104	Sonographic Physics and Instrumentation II	3
SON 107	Cross-Sectional Anatomy	2
SON 109	Associated Imaging	1
SON 121	Clinical Practicum I	2
SON 122	Clinical Practicum II	3
SON 202	Sonographic Subspecialties	2
SON 207	Principles of Gynecologic Sonography	3
SON 209	Principles of Obstetrical Sonography I	3
SON 210	Principles of Obstetrical Sonography II	3
SON 211	Pediatric Sonography	1
SON 221	Clinical Practicum III	3
SON 222	Clinical Practicum IV	3
SON 228	Clinical Practicum V	3
SON 251	Vascular Technology I	3
SON 252	Vascular Technology II	3
<b>Non-Diagnostic Medical Sonography (DMS) Courses</b>		
ENG 101	English Composition I	3
ENG 102	English Composition II	3
_____	General Education Humanities Elective	3
MAT 177	Statistics	3
PSY 101	Introduction to Psychology	3
_____	General Education Social Science Elective	3
<b>Total credits</b>		<b>68</b>

**Program Coordinator:** Jane C. Morrison, RDMS, RT.(R), A.S. Mohawk College of Applied Arts and Technology, Hamilton, Ontario, Canada,  
B.A. McMaster University, Hamilton, Ontario, Canada

Please refer to the Middlesex Community College Academic Catalog (<http://catalog.middlesex.mass.edu/>) for Sonography course sequencing, prerequisite and corequisite information.

*Middlesex Community College is an affirmative action/equal opportunity employer and does not discriminate on the basis of race, color, national origin, sex, disability, religion, age, veteran status, genetic information, gender identity or sexual orientation in its programs and activities as required by Title IX of the Educational Amendments of 1972, the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973, Title VII of the Civil Rights Act of 1964, and other applicable statutes and college policies. The College prohibits sexual harassment, including sexual violence. Inquiries or complaints concerning discrimination, harassment, retaliation or sexual violence shall be referred to the College's Affirmative Action and/or Title IX Coordinator, the Massachusetts Commission Against Discrimination, the Equal Employment Opportunities Commission or the United States Department of Education's Office for Civil Rights.*