

# DIAGNOSTIC MEDICAL SONOGRAPHY



## WHAT CAN I DO WITH A MAJOR IN...?

### WHAT IS DIAGNOSTIC MEDICAL SONOGRAPHY (ULTRASOUND)?

Diagnostic Medical Sonography involves the use of sound waves to produce medical images to assist the radiologist or other physicians in their interpretation and analysis for diagnosis of illness and injury.

### RELATED CAREER TITLES

<p><b>Cardiac Sonographer*</b></p> <ul style="list-style-type: none"> <li>• Cardiovascular Sonographer</li> <li>• Cardiovascular Tech</li> <li>• Echocardiographer</li> </ul> <p><b>Vascular Sonographer*</b></p> <ul style="list-style-type: none"> <li>• Vascular Technologist</li> <li>• Vascular Tech</li> </ul>	<p><b>Diagnostic Medical Sonographer*</b></p> <ul style="list-style-type: none"> <li>• General Sonographer</li> <li>• General Ultrasound Technologist</li> <li>• Sonographer</li> <li>• Staff Sonographer</li> <li>• Ultrasonographer</li> <li>• Ultrasound Diagnostic Technologist</li> <li>• Ultrasound Technologist</li> </ul>	<p><b>Educator/Education*</b></p> <ul style="list-style-type: none"> <li>• Clinical Coordinator</li> <li>• Clinical Instructor</li> <li>• Clinical Researcher</li> <li>• College/ University Faculty</li> <li>• Medical Researcher</li> </ul>
<p><b>Supervising Sonographer*</b></p> <ul style="list-style-type: none"> <li>• Administrator of Imaging Services</li> <li>• Director of Imaging Services</li> <li>• Director of Radiology</li> <li>• Lead Sonographer</li> <li>• Lead Ultrasound Technologist</li> <li>• Sonography Supervisor</li> </ul>	<p><b>Other related*</b></p> <ul style="list-style-type: none"> <li>• Equipment Application Specialists</li> <li>• Sonography Diagnostics</li> <li>• Sonography Equipment Sales Representative</li> </ul>	<p><b>Advanced career options*</b></p> <ul style="list-style-type: none"> <li>• Dosimetrist</li> <li>• Radiation Physicist</li> <li>• Radiologist</li> <li>• Radiology Assistants (RA)</li> <li>• Radiology Practitioner Assistant (RPA)</li> </ul>

\*Career options may require advanced education; State licensing/education requirements vary by state.

### TRANSFERABLE SKILLS

Associate degree in radiologic technology	Ability to work under stress & in emergency situations	Flexibility/adaptability
Ability to meet ethical, practice, and quality assurance standards	Communication skills to relate with patients, families, physicians, & co-workers	Leadership
Ability to work as an integral member of the health care team	Detail oriented/accuracy	Problem solving skills/critical thinking
Provide excellent patient care	Technical skills	Valid certification; where applicable, additional valid state license(s)
Strong work ethic	Understand patient's history and symptoms related to disease processes	

Attainment and demonstration of [NACE Career Readiness Competencies](#) help prepare for a successful transition into the workplace

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FHSU

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### CONTACT FOR ADDITIONAL INFORMATION

Department of Allied Health - Cunningham Hall 129 - 785.628.5678

### RELATED CAREER EXPLORATION LINKS

B.S. in Medical Diagnostic Imaging, emphasis in sonography: [www.fhsu.edu/alliedhealth/ultrasound/](http://www.fhsu.edu/alliedhealth/ultrasound/)

American Registry of Diagnostic Medical Sonographers: [www.ardms.org](http://www.ardms.org)

Society of Diagnostic Medical Sonography: [www.sdms.org](http://www.sdms.org)

FHSU Career Services: <http://www.fhsu.edu/career/>

Occupational Outlook Handbook: <http://www.bls.gov/ooh/>



Click to explore additional career information