

PARKER UNIVERSITY

DIAGNOSTIC SONOGRAPHY ASSOCIATE OF APPLIED SCIENCE

Parker University is a nonprofit, regionally accredited university offering an Associate of Applied Science with a major in Diagnostic Sonography (AAS-DMS) program that prepares students to capture potentially life-changing images such as monitoring an unborn baby, help in diagnosing a condition, or guiding a surgeon during surgical procedures. With the use of imaging systems rising in popularity and career opportunities for professionals abundant as ever, graduates of Parker's Diagnostic Sonography program stand ready to face the important challenges this fast-growing field presents.

The goal of the Diagnostic Sonography program at Parker University is to prepare competent entry-level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. The goals reaffirm the program's commitment to meet the diverse needs of the students, the college, and the community.

PARKER'S AAS IN DIAGNOSTIC SONOGRAPHY PROGRAM PREPARES ITS GRADUATES TO:

- ▶ Obtain, review, and integrate pertinent patient history and supporting clinical data to facilitate optimum diagnostic results.
- ▶ Perform appropriate procedures and record anatomic, pathologic, and/or physiologic data interpretation by the physician.
- ▶ Record, analyze, and process diagnostic data and other pertinent observations made during the procedure of presentation to the interpreting physician.
- ▶ Exercise discretion and judgement in the performance of sonographic and/or other non-invasive diagnostic services.
- ▶ Demonstrate appropriate communication skills with patients and colleagues.
- ▶ Act in a professional and ethical manner.
- ▶ Provide patient education related to medical ultrasound and/or other non-invasive diagnostic vascular techniques, and promote principles of good health.

PARKER'S DIAGNOSTIC SONOGRAPHY PROGRAM REQUIREMENTS:

- ▶ General education courses completed with a minimum grade "C" or better and a 3.0 grade point average to be eligible to apply to the DMS major
- ▶ Participate in six months of clinical education for 40 hours per week.
- ▶ Complete the total of 75 credit hours
 - 27 credit hours of prerequisite courses
 - 48 credit hours of major core courses



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WHY PARKER'S DIAGNOSTIC SONOGRAPHY PROGRAM?

- ▶ A focused curriculum that allows for students to master one course at a time
- ▶ Enrollment is limited to a small number of high-caliber students to ensure personalized attention from instructors
- ▶ Hands-on clinical experience
- ▶ Financial aid is available to qualified students

WHAT IS THE WORK ENVIRONMENT FOR SONOGRAPHY PROFESSIONALS?

Diagnostic sonographers complete most of their work on ultrasound machines in low-lit examination rooms, but may also perform procedures at patients' bedsides or in the emergency department. As with any health care field, sonographers spend a lot of the day moving throughout the hospital to serve the needs of a diverse patient population. In addition to obtaining sonographic images, sonographers also aid physicians and other radiology staff in different types of procedures. Although work hours may vary throughout your career, the time spent bettering a patient's life is well worth it.

CAREER OUTLETS FOR PARKER UNIVERSITY'S DIAGNOSTIC SONOGRAPHY GRADUATES INCLUDE:

- ▶ Hospitals
- ▶ Private physician practices
- ▶ Diagnostic laboratories
- ▶ Imaging centers

WHAT IS THE CAREER OUTLOOK FOR DIAGNOSTIC SONOGRAPHY PROFESSIONALS?¹



17% growth rate through 2026

21,100 ^{JOBS}

21,100 projected employment through 2026



65,620

\$65,620 median income

ACCREDITATION

SACS Accreditation

Parker University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award a Associate of Applied Science with a Major in Diagnostic Sonography. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404.679.4500 for questions about the accreditation of Parker University.



"The thing I love most about the diagnostic sonography program at Parker is how strong the bond between everyone becomes; you feel like you're part of a family. The faculty and students all encourage one another to be their absolute best in all areas of life. My Parker family pushes me to excellence and I'm always thankful for them!"

- Kyle Hackney, Parker University Diagnostic Sonography Class of 2017



"Throughout this program, I feel like I've developed an appreciation for patient care, anatomy, and the physics behind sonographic machinery. I came into this program not knowing what to expect and now I can look at a sonographic image and understand where and what I'm looking at in the body. I love the new skills I have when it comes to determining a pathology for a patient. It challenges me to go above and beyond and put the 'puzzle pieces' together for a patient's health. I really love what I'm learning and I want to take my degree as far as I can. I want to constantly learn and improve my skills in sonography. I couldn't be more excited to start my career and see where it takes me."

- Erin Beall, Parker University Diagnostic Sonography Class of 2017



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¹<http://www.bls.gov/ooh/healthcare/diagnostic-medical-sonographers.htm>