

ESSENTIALS

- One start per year in September
- Program accepts 15 students
- 18-month program
- Preparation for licensure examination
- Enrollment is limited to a small number of high-caliber students to ensure personalized attention from instructors
- Hands-on clinical experience
- A total of 76 credit hours
 - 25 credit hours of prerequisite course
 - 51 credit hours of major core courses

WHY PARKER'S COMPUTER DIAGNOSTIC SONOGRAPHY PROGRAM?

Parker's Associate of Applied Science with a Major in Diagnostic Sonography program is geared toward building an understanding of the methods, ethics, and tools crucial to advance in today's health care landscape. Course content includes anatomy and physiology, patient care, and sonographic principles that explore the broad range of responsibilities that face today's leading diagnostic sonographers.

GRADUATES WILL BE PREPARED TO:

- Obtain, review, and record an accurate patient history with supporting clinical data
- Perform diagnostic procedures and provide summary of findings for physicians
- Analyze and inspect images for quality and adequate coverage of areas needed for diagnoses
- Recognize differences between normal and abnormal images

Taken and passed within first year of completion	2017	2018	2019
ARDMS pass rate for Abdomen Examination	88% 7/8	83% 10/12	100% 2/2
ARDMS pass rate for Obstetrics and Gynecology Examination	75% 3/4	100% 3/3	100% 1/1
ARDMS pass rate for Vascular Examination	100% 3/3	86% 6/7	50% 1/2

Job Placement Rates	2017	2018	2019
Employment and/or continuing education within 1 year of completion	85% 11/13	100% 6/6	TBD

Attrition Rates	2017	2018	2019
% of attrition	59%	54%	18%
Number of completers/ number of accepted applicants	13/22	6/13	14/17

Retention Rates	2017	2018	2019
% of attrition	41%	46%	82%
Number of completers/ number of accepted applicants	13/22	6/13	14/17

DIAGNOSTIC SONOGRAPHY CURRICULUM

Year 1, Semester 1	Credit Hours
ENGL 1301: Composition I	3 Hours
ENGL 2326: American Literature	3 Hours
MATH 1314: College Algebra	3 Hours
PHYS 1401: College Physics I	4 Hours
Total Credit Hours	13 Hours

Year 1, Semester 2	Credit Hours
PSYC 2301: General Psychology	3 Hours
HPRS 1106: Essentials of Medical Terminology	1 Hour
BIOL 2401: Anatomy & Physiology I	4 Hours
BIOL 2402: Anatomy & Physiology II	4 Hours
Total Credit Hours	12 Hours

Year 1, Semester 3	Credit Hours
DMSO 1310: Introduction to Sonography	3 Hours
DMSO 1351: Sonographic Sectional Anatomy	3 Hours
DMSO 1302: Basic Ultrasound Physics	3 Hours
DMSO 1342: Intermediate Ultrasound Physics	3 Hours
Total Credit Hours	12 Hours

Year 2, Semester 1	Credit Hours
DMSO 1301: Techniques of Sonography	3 Hours
DMSO 1341: Abdominopelvic Sonography	3 Hours
DMSO 2431: Sonography of Abdominopelvic Pathology	3 Hours
DMSO 2305: Sonography of Obstetrics/Gynecology	3 Hours
Total Credit Hours	12 Hours

Year 2, Semester 2	Credit Hours
DMSO 2342: Sonography of High Risk OB	3 Hours
DMSO 2353: Sonography of Superficial Structures	3 Hours
DSVT 1303: Intro to Vascular	3 Hours
DSVT 1300: Principles of Vascular Technology	3 Hours
Total Credit Hours	12 Hours

Year 2, Semester 3	Credit Hours
DMSO 2330: Advanced Review	3 Hours
DMSO 2660: Clinical I	6 Hours
DMSO 2661: Clinical II	6 Hours
Total Credit Hours	15 Hours

Accreditation

Parker University is a not-for-profit university and regionally accredited by the Southern Association of Colleges and Schools Commission on Colleges.