

DIAGNOSTIC MEDICAL SONOGRAPHY TECHNOLOGY (ULTRASOUND)
Diagnostic Medical Sonography Associate in Science Major Code 2176

Program Description

The Diagnostic Medical Sonography Program prepares individuals meeting certain qualifications to work with medical practitioners in the management, control and care of patients referred for ultrasound studies. The Diagnostic Medical Sonography program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 1361 Park Street, Clearwater, FL, 33756, Phone 727-210-2350, upon recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography.

Clinical education is performed in local clinics/hospitals and is offered concurrently with the didactic courses. On completion of the 24-month program, students will be eligible to apply to sit for the exams of the American Registry of Diagnostic Medical Sonographers.

Applicants should access admission information online at www.broward.edu/healthsciences, or call 954-201-2892. Applicants may call the Program Manager at (954) 201-2089 for all specific program admissions related questions. All didactic courses are taught in Bldg 41, Broward College, North Campus, 1000 Coconut Creek Boulevard, Coconut Creek Florida. Clinical affiliation sites are located throughout Broward and Palm Beach counties as well as counties serving Edison State College.

General Entrance Requirements

- HS Diploma or GED
- PERT
 The PERT test places students into preparatory level reading, writing and math courses designed to prepare them for college-level coursework. Recent ACT or SAT score may also be used for placement. For more information, see <http://www.broward.edu/testing/>. Students who test into college prep courses must successfully complete all of the required coursework to qualify for graduation.

In order to qualify for admissions to the Associate in Science (AS) degree program, applicants must meet the following requirements:

- Applicants must fulfill the general requirements for admission to Health Science Programs
- Applicants who are first-time BC students must complete an application to the College, in addition to completion of a Health Science Limited Access Application. To apply for Admission to the College, go to the College home page and click on "Future Student" then go to "Admissions". The Health Science Limited Access application is available to download on the program's website.
- Applicants must submit an official and original document that indicates completion of a minimum of a two year course of study in a health science field that is patient-care related, and which leads to Registry, Certification or Licensure.

- The following curriculum requisites (course that must be taken) must be met prior to the beginning of the core curriculum of the diagnostic medical sonography education program and they must be college level courses. The courses must be completed in a prior course of study and if not, must be completed prior to applying in order to meet application qualifications:
 - a. Algebra, statistics, or higher mathematics course
 - b. General college-level physics and/or radiographic physics
 - c. Communication skills – (English, Speech or Composition)
 - d. Human anatomy and physiology
 - e. Patient care – (either a separate course such as BC's HCP 1030 - Health Careers Core Curriculum or as content within a health career AS, AAS, MD or DO degree)
 - f. Medical terminology
- For all applicants, a minimum of a 2.5 grade point average (GPA) is required. The GPA should appear on submitted documentation.
- Admission of an applicant is based the point system seen below. *(Note: point preference is given to Radiologic Technologists)*

Point System for Admission into the Diagnostic Medical Sonography Program

Points	GPA Range	Notes
4	3.5 to 4.0	GPA related to Health Science 2 year certificate/degree programs from non-accredited (technical course work only) or accredited (technical course work and/or general educational courses) schools
3	3.0 to 3.4	
2	2.5 to 2.9	
Points	Prior Education	
20	Radiologic Technologist from non-accredited or accredited programs (Graduates of non-accredited programs must provide documentation of completion of the curriculum requisites)	
15	Graduate of a non-accredited Sonography program. (Graduates of non-accredited programs must provide documentation of completion of the curriculum requisites)	
15	Physician's (MD's or DO's) trained outside of the US. (Graduates of a medical program must provide documentation of completion of the curriculum requisites)	
10	Graduate of a 2 year (AS or AAS) Health Science Program that leads to registry/licensure. (Graduates of the Health Science program must provide documentation of completion of the curriculum requisites)	
5	Graduate of a Bachelor's Degree program who has completed the curriculum requisite courses	

Continued on next page

DIAGNOSTIC MEDICAL SONOGRAPHY TECHNOLOGY (ULTRASOUND)
Diagnostic Medical Sonography Associate in Science Major Code 2176 (continued)

Requirements for the Associate in Science in Diagnostic Medical Sonography:

- Meet BC's graduation requirements as listed in the Academic Programs and Graduation Requirements section of the College Catalog.
- Completion of 72 semester hours with a grade point average of 2.0 or higher.
- Completion of all courses in the degree program with a grade of "C" or higher.

First Year – Spring Term Session II

PHY1001	Applied Physics or Radiographic Physics	3
*MTB 1310	Applied Mathematics or	
*MAT 1033	Intermediate Algebra	3
ENC 1101	Composition I	3
SPC 1608	Public Speaking or	
SPC 1024	Intro to Speech Communications	3
BSC 1085	Anatomy and Physiology I	3
BSC 1085L	Anatomy and Physiology I Lab	1
Total Term Semester Hours		16

First Year-Summer Session Term III

BSC 1086	Anatomy and Physiology II	3
BSC 1086L	Anatomy and Physiology II Lab	1
SON 1170	Sonography of the Circulatory System	2
SON 1100L	Principles and Protocols of Sonographic Imaging	2
Total Term Semester Hours		8

Term I, Fall Term, First Year

*SON 1211	Medical Sonographic Physics I	3
*SON 1111	Abdominal Sonography I	2
*SON 1121	OB/GYN Sonography I	2
*SON 1003L	Fundamentals of Sonography Lab	1
*SON 1804	Clinical Education	2
Total Term Semester Hours		10

Term II, Spring Term, First Year

*SON 1212	Medical Sonographic Physics II	3
*SON 1122	OB/GYN Sonography II	2
*SON 1112	Abdomen Sonography II	2
*SON 1214	Practical Aspects of Sonography I	2
SON 1104L	Fundamentals of Sonography Lab II	1
*SON 1814	Clinical Education	2
Total Term Semester Hours		12

Term III, Summer Term, Second Year

*SON 1141	Small Parts Sonography	2
*SON 1824	Clinical Education	3
Total Term Semester Hours		5

Term I, Fall Term, Second Year

*SON 2400	Introduction to Echocardiography	2
*SON 2400L	Intro to Echocardiography Lab	1
*SON 1215	Practical Aspects of Sonography II	2
*SON 2834	Clinical Education	3
Elective	Humanities	3
Total Term Semester Hours		11

Term II, Spring Term, Second Year

*SON 2401	Echocardiography II	2
*SON 2401L	Echocardiography II Lab	1
*SON 2061	Seminar in Sonography	1
Elective	Social/Behavioral Science	3
*SON 2844	Clinical Education	3
Total Term Semester Hours		10

Total Program Semester Hours **72**

*Requires a pre- or co-requisite. Refer to the course descriptions found at www.broward.edu.

**Successful completion of the basic student technology literacy test, or passing CGS1060C, is required to earn the degree.

It is strongly recommended that students meet with a college academic advisor or counselor every term.