

BATON ROUGE COMMUNITY COLLEGE
ASSOCIATE OF APPLIED SCIENCE IN DIAGNOSTIC MEDICAL SONOGRAPHY

Thanks for your interest in the BRCC Sonography program!

This packet will assist you in understanding the prerequisites for entry into the DMS program and provide basic information you will need while completing your curriculum plan. Your advisement will occur during our *Sonography Group Advisement Information Sessions*. You may seek additional advisement as needed from one of the individuals below:

_____ Mr. Michael Beauford, Program Manager
Frazier Building, Office 228
225.216.8046
beaufordm@mybrcc.edu

_____ Ms. Christin Dillon, Academic Advisor
Nursing & Allied Health
Frazier Building, Office 200
225.216.8879
dillonc@mybrcc.edu

_____ Mr. Richard Goldsmith, Clinical Manager
Frazier Building, Office 228
225.216.8498
goldsmithr@mybrcc.edu

The Nursing & Allied Health front office is (225)216-8044. The fax number is (225) 216 – 8115. If you fax your transcript, be sure to use a cover sheet with the advisor's name to ensure proper delivery. Include your name, LOLA ID, email and phone number for us to contact you.

The BRCC DMS program is accredited by the Commission on Accreditation of Allied Health Programs (CAAHEP). Please visit the CAAHEP website at www.caahep.org. The goal of the Diagnostic Medical Sonography program is to prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

Important information is available on the BRCC website at the following link:
http://www.mybrcc.edu/academics/nursing_and_allied_health/aasonography.php

Group Advisement and Information sessions last approximately 90 minutes and are scheduled several times each semester, including one evening session. You will receive the latest information about prerequisites and sonography as a profession, and have an opportunity to ask questions. The *Group Advisement Information Session* schedule is available online on the *Sonography Program Information* page. Please make plans to attend one of the Group Advisement meetings. Registration is not required and you may invite a guest to attend with you if desired.

The application packet for admission to the Sonography Program will be available online on the *Sonography Program Information* page once a year during the fall semester in August. Detailed instructions and timeline for completing the application and scheduling the entrance test will be included in the application packet.

If any work was completed at another institution and is NOT visible on your BRCC account, you will need to submit two (2) official printed transcripts with the application. If all of your courses, even from other schools, IS visible on your BRCC transcript, you need to print ONLY one unofficial transcript. Be aware that most institutions require a few days to a week or more to provide a printed transcript, and there may be a charge for the transcript. Do not wait until the last few days of the application period to request a transcript, as you may not receive it in time to apply. **Late applications are not accepted.**

If you are finishing the last of your prerequisites in the fall semester when you apply, these classes will be indicated as *in progress* on the transcript. We will look up the final grades for BRCC students, but if you are completing prerequisites at another college you will need to provide a transcript of those grades as soon as they are published. Speak to an advisor if you have questions about this requirement.

The Sonography program starts every January in the spring semester. The program is four semesters or approximately 17 months from the time you are officially admitted to the program. Student selection is made in December after fall semester grades are posted; therefore, you may apply for the DMS program in the fall semester while you complete prerequisites. You will not be admitted to the program if all prerequisites are not completed by the end of the fall semester in which you make application.

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SONOGRAPHY PREREQUISITE COURSES & CURRICULUM PLAN Advisor/Phone: _____ Date: _____

Student Name: _____ B/L Number: _____ Phone: _____ Email: _____

Are you enrolled at BRCC? Yes ___ No ___ Have you previously earned a degree? Yes ___ No ___ Degree/Concentration: _____ College: _____

<u>Prerequisite Courses</u>	<u>Prerequisite Course Criteria</u>	<u>SEMESTER #1</u>	<u>SEMESTER #2</u>	<u>SEMESTER #3</u>	<u>SEMESTER #4</u>
<p>_____ BIOL 2214 (4) ANAT & PHYS I</p> <p>NOTE: You may be required to take BIOL 1033 & BIOL 1031 before BIOL 2214. Contact an advisor if you have questions.</p> <p>_____ BIOL 2224 (4) ANAT & PHYS II</p> <p>_____ ENGL 1013 (3) COMPOSITION</p> <p>_____ HLSC 1103 (3) MED TERMINOLOGY</p> <p>_____ HUMN (3) ELECTIVE</p> <p>_____ MATH 1113/ (3) MATH 1113 is 5 contact hours & MATH 1213 is 3 contact hours</p> <p>_____ PHIL 2253 (3) BIOMEDICAL ETHICS</p> <p>_____ PSYC 2013 (3) INTRO PSYCHOLOGY</p> <p>_____ PHYS 1013 (3) CONCEPTS IN PHYSICS</p> <p>_____ SONO 1011 (1) FOUNDATIONS OF SONOGRAPHY</p>	<p>1) _____ Eligible, MATH 1113 & Min ACT of 22</p> <p align="center">OR</p> <p>2) _____ BIOL1033 (3) & 1031 (1) _____ Eligible MATH 1113 _____ ENGL (>=C) _____ Min CORE 80 OR _____ Reading 91(>=C)</p> <p>_____ BIOL 2214 (4) ANAT & PHYS I</p> <p>_____ ENGL 091(3) (>=C) _____ OR Min CORE 80</p> <p align="center">CHOOSE ONE FROM LIST (SEE INFORMATION PACKET)</p> <p>_____ MATH 0099 (3) (>=C)</p> <p>_____ Eligible ENGL 1013</p> <p>_____ MATH 1113 or 1213 (with grade of C or better)</p> <p>_____ Eligible for ENGL 1013</p>	<p>Term _____ Yr. _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Total Credits: _____</p> <p>Notes: _____</p>	<p>Term _____ Yr. _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Total Credits: _____</p> <p>Notes: _____</p>	<p>Term _____ Yr. _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Total Credits: _____</p> <p>Notes: _____</p>	<p>Term _____ Yr. _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Course _____ Cred _____</p> <p>Total Credits: _____</p> <p>Notes: _____</p>
		<p>Remember: Spring & Fall semesters are 16 weeks. The summer session is 8 weeks, so class and lab contact hours are doubled during the summer. The same applies to 7 week sessions.</p> <p>NOTES: _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>			

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CURRICULUM PLAN

Course Number	Course Title	Credit Hours	Pre-requisite Courses
Prerequisite Courses			
Old Course Number (New Course Number)			
MATH 101/110 (1113/1213)	College Algebra	3	See BRCC Catalog ²
ENGL 101 (1013)	English Composition I	3	See BRCC Catalog ²
PSYC 201 (2013)	Introduction to Psychology	3	See BRCC Catalog ²
BIOL 230 (2214)	Anatomy and Physiology I	4	See BRCC Catalog ²
BIOL 231 (2224)	Anatomy and Physiology II	4	See BRCC Catalog ²
PHYS 200 (1013)	Concepts in Physics	3	See BRCC Catalog ²
HLSC 110 (1103)	Medical Terminology	3	See BRCC Catalog ²
PHIL 225 (2253)	Biomedical Ethics	3	See BRCC Catalog ²
HUMN ¹	Humanities Elective	3	See BRCC Catalog ²
SONO 1011	Foundations of Sonography	1	See BRCC Catalog ²
	Total Semester Hours	29 or 30	
First Semester	ALL SONOGRAPHY COURSES ARE TAKEN IN	SEQUENCE	AS LISTED HERE – NO EXCEPTIONS
SONO 1011	Foundations of Sonography (If not completed in the prerequisites)	1	Completion of prerequisite courses above and official admission to Sonography program.
SONO 1102	Physics and Instrumentation I	2	
SONO 1143	Ultrasound Learning Lab I	3	
SONO 1203	Sonographic Sectional Anatomy	3	
	Total Semester Hours	9 or 8	
Second Semester			
SONO 1122	Abdominal Ultrasound I	2	Completion of first semester Sonography courses.
SONO 1161	Ultrasound Practicum I	1	
SONO 1182	Ultrasound OB/GYN I	2	
SONO 2101	Physics and Instrumentation II	1	
	Total Semester Hours	6	
Third Semester			
SONO 2123	Abdominal Ultrasound II	3	Completion of second semester Sonography courses.
SONO 2163	Ultrasound Practicum II	3	
SONO 2183	Ultrasound OB/GYN II	3	
SONO 2201	Physics and Instrumentation III	1	
	Total Semester Hours	10	
Fourth Semester			
SONO 2302	Abdominal Ultrasound III	2	Completion of third semester Sonography courses.
SONO 2403	Ultrasound Practicum III	3	
SONO 2502	Ultrasound OB/GYN III	2	
SONO 2601	Comprehensive Seminar	1	
	Total Semester Hours	8	
	Total Program Hours	62	

¹ To be selected from the Humanities General Education requirements listed in the current BRCC Catalog.

² See current BRCC Catalog for a comprehensive list of pre-requisites for each course.

**BATON ROUGE COMMUNITY COLLEGE
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ADMISSION CRITERIA**

1. Admission to the Diagnostic Medical Sonography program is competitive.
IT IS IMPORTANT TO UNDERSTAND THAT MEETING MINIMUM REQUIREMENTS DOES NOT GUARANTEE ADMISSION TO THE SONOGRAPHY PROGRAM.
2. Applicants must have a GPA of 2.75 or higher & a grade of “C” or higher in the required hours of prerequisite courses below (this may not be the same as your overall GPA):

Course No.	Course Title	Credit Hours
MATH 1113 / 1213	College Algebra	3
ENGL 1013	English Composition I	3
PSYC 2013	Introduction to Psychology	3
BIOL 2214	Human Anatomy & Physiology I	4
BIOL 2224	Human Anatomy & Physiology II	4
PHYS 1013	Intro to Concepts in Physics	3
HLSC 1103	Medical Terminology	3
PHIL 2253	Biomedical Ethics	3
HUMN	Humanities Elective	3
SONO 1011	Foundations of Sonography	1
General Education and Prerequisite Credit Hours		30

NOTE: Students applying as of fall of 2019 will be required to take an additional prerequisite: SONO 1011 – Foundations of Sonography. SONO 1011 will be available to schedule in fall of 2019. Students unable to complete the course by the fall application period ARE STILL ELIGIBLE TO APPLY. We will reassess the situation in fall, 2020. If you have questions, speak with an advisor.

3. A minimum score of 65 on the entrance exam (ATI TEAS) is required to be considered for admission. All applicants chosen for admission to the Sonography program must submit to, pay for and satisfactorily complete the following items. Applicants chosen for admission will receive an information packet with vendors in the Baton Rouge area where all of the requirements can be met.
 - a. Criminal background check, healthcare exclusion list check and fingerprinting
 - b. 10 panel drug screen
 - c. Physical exam and check of immunity to a list of communicable diseases
 - d. CPR certification
 - e. Purchase of student liability insurance
 - f. Purchase of uniform (black scrubs)
4. An admission score is calculated for all Sonography applicants according to the following formula. The ten students with the highest scores are invited into the program.

GPA = 65 % Scores are calculated to three decimal places (ie: xx.XXX).
TEAS = 35 %

The GPA is the largest component of the admission score, but the ATI TEAS exam is extremely important, It is strongly recommended that students acquire study materials and prepare for the exam. ATI TEAS materials may be obtained at https://www.atitesting.com/ati_store/TEAS-Products.aspx BRCC will administer the ATI TEAS exam only once per year during the fall application period.

5. **BIOLOGY PREREQUISITES:** There are 2 Anatomy & Physiology courses required: BIOL 2214 & BIOL 2224. The prerequisite for BIOL 2214 is either **1)** ACT score less than 5 years old AND a score of 22 or greater or; **2)** completion of BIOL 1033 & 1031 or; **3)** a two or four year college degree or; **4)** an LPN license.

In addition you must be eligible for ENGL 1013 AND for MATH 1113 or 1213.

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Baton Rouge Community College Diagnostic Medical Sonography requires the ATI TEAS entrance test for all qualified applicants to the Sonography program. The ATI TEAS exam comprises 35% of the applicant's admission score.

The test is administered on several dates during the fall application period. When you apply to the program, you must pay \$60.00 to the Bursar (Bienvenue Building, main campus) and submit a copy of the receipt with the application

You may purchase a study manual and practice exam from ATI Allied Health at the web links posted below. It is strongly recommended that applicants utilize these study aids to prepare. The practice exams are administered by ATI online. The exam administered by BRCC during the application period is a paper and pencil exam.

**ATI TEAS PACKAGE –
STUDY MANUAL AND ONLINE PRACTICE TEST PRICE: \$90 or \$249**

ATI offers comprehensive assessments designed specifically to measure academic preparedness of nursing and allied health program candidates.

For Allied Health Programs

The ATI Test of Essential Academic Skills (ATI TEAS) for Allied Health has been normed for Allied Health programs. Recent case study findings illustrate a consistent link between students' performance on the ATI TEAS for Allied Health and academic success.

About the Assessments


The ATI TEAS is a multiple-choice assessments measuring basic academic preparedness in reading, math, science, English and language usage. The objectives assessed in our tests are those that nursing and allied health educators deem most relevant for measuring entry level skills and abilities of program applicants. The test not only predicts the performance of incoming candidates, it also helps educators gain advance knowledge of the strengths and areas needing development of those that are accepted into the program. Students will be issued a 4 function calculator. No other devices are allowed.

Resources:

AVAILABLE AT ATITESTING.COM WEBSITE: https://www.atitesting.com/ati_store/TEAS-Products.aspx
ATI TEAS study manual and online Practice Assessment Price: \$90.00 - \$249.00
Check for occasional discounted prices.

ATI TEAS study manual and online Practice Assessment specific to ATI TEAS.
It works - students that use ATI TEAS prep materials score higher on their exam

ATI TEAS Basic Package




Streamline your TEAS® preparation with the ATI TEAS study manual and online practice assessments (specific to the ATI TEAS version).

\$90

THE ATI TEAS BASIC PACKAGE is a self-guided study product and costs \$90.

THE ATI TEAS SMART PREP PACKAGE is a comprehensive study course and costs \$249

ATI TEAS SmartPrep Study Package



The most comprehensive TEAS preparation package on the market, the SmartPrep study package includes a self-directed tutorial, 2 online practice exams, and a robust study guide

\$249

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HUMANITIES - There are many classes which can satisfy the requirement; however, for this AAS degree you must choose **ONLY** from this list. If you wish to consider a class not listed here as a Humanities, it **must** be approved by an advisor.

Humanities List

ENGL 2133, Literature and Ethnicity (3) (ENGL 210)
ENGL 2303, Introduction to Fiction (3) (ENGL 211)
ENGL 2313, Introduction to Poetry and Drama (3) (ENGL 215)
ENGL 2123, Major British Writers (3) (ENGL 220)
ENGL 2173, Major American Writers (3) (ENGL 221)
ENGL 2223, Major World Writers (3) (ENGL 222)
ENGL 2403, Introduction to African-American Literature (3) (ENGL 223)
ENGL 2323, Introduction to Literature (3) (ENGL 230)
ENGL 2503, Introduction to Folklore (3) (ENGL 240)
ENGL 2483, Shakespeare: The More Popular Plays (3) (ENGL 248)

HIST 1113, History of World Civilizations I (3) (HIST 101)
HIST 1123, History of World Civilizations II (3) (HIST 102)
HIST 2003, History of Roman Republic and Empire (3) (HIST 200)
HIST 2013, U.S. History (3) (HIST 201)
HIST 2023, U.S. History II (3) (HIST 202)
HIST 2213, Modern Europe 1500 – 1848 (3) (HIST 221)
HIST 2223, Modern Europe 1848 to Present (3) (HIST 222)

HUMN 2103, World Mythology (3) (HUMN 210)
HUMN 2013, Africa and the Middle East (3) (HUMN 250)
HUMN 2553, Asia and the Americas (3) (HUMN 255)
HUMN 2753, The Heroic Journey: From Classical to Contemporary (3) (HUMN 275)

PHIL 1013, Introduction to Philosophy (3) (PHIL 201)
PHIL 2013, Introduction to Ethics (3) (PHIL 205)
PHIL 2283, Philosophy of Religion (3) (PHIL 228)

**NOTE: PHIL 2253, BIOMEDICAL ETHICS CANNOT BE USED AS THE HUMANITIES REQUIREMENT
SINCE IT IS AN INDIVIDUAL COURSE PREREQUISITE. (PHIL 2253)**

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ESTIMATED COSTS

Students should take into consideration travel expenses (auto mileage to internship site) while enrolled in health care programs. The remaining expenses are estimated and subject to change. This estimate is for the Sonography program only. Expense of finishing prerequisites or other miscellaneous is not included.

If you plan to use financial aid (grants, loans, scholarships) and you require clarification on application or restrictions, please contact the BRCC Office of Financial Aid and Scholarships at (225) 216 – 8640.

ESTIMATED COST (costs are estimates only – your actual cost may be different)		
Pre-Admission		
	College Admission Application (App plus Accuplacer)	No Charge
	Prerequisite Courses (29 credit hours)	As required
First Semester (Spring)		
Note: Tuition may change	Tuition and Fees (9 credit hours)	1,583.01
Tuition & fees are current on BRCC website as of 04-2019	Physical Exam, Immunizations, Drug Screen, etc. (Multiple immunizations may be needed depending on your immune status. Your actual cost may be different.)	500.00 (estimate)
	Fingerprints and Criminal Background Check	80.00
	Student Liability Insurance per year	48.00
	American Heart Association CPR for HCP	50.00
	Clinical Tracking Software	90.00
	Uniforms	90.00
	Society of Diagnostic Medical Sonography (SDMS) Student Membership	45.00
Second Semester (Summer)		
	Tuition and Fees (6 credit hours)	1,055.34
Third Semester (Fall)		
	Tuition and Fees (10 credit hours)	1,758.90
Paid to ARDMS	ARDMS SPI Examination (Taken after Fall semester)	225.00
Fourth Semester (Spring)		
	Tuition and Fees (8 credit hours)	1,407.12
DUE AFTER COMPLETION OF THE SONOGRAPHY PROGRAM		
Paid to ARDMS	ARDMS OB/GYN Specialty Examination	250.00
	ARDMS Abdomen Specialty Examination	250.00

TEXTBOOK LIST	
<i>Pocket Protocols for Ultrasound Scanning, 2nd Edition.</i> Betty Bates Tempkin, BA, RT(R) & RDMS. ISBN: 9781416031017. Copyright 2007	69.00
<i>Workbook for Textbook of Diagnostic Ultrasonography, 8th Edition.</i> Sandra L. Hagen-Ansert, MS, RDMS, RDCS. ISBN: 978-0-323-44183-4. Copyright 2018	93.30
<i>Textbook of Diagnostic Ultrasonography, 8th Edition.</i> 2-Volume Set. Sandra L. Hagen-Ansert, MS, RDMS, RDCS. ISBN: 978-0-323-35375-5. Copyright 2018	427.45
BRCC Bookstore prices as of April, 2019	
Prices may be less if purchased from online source	
TOTAL	\$590.65

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Miscellaneous Issues:

Have a back-up plan

If you are not selected for the Sonography program, what plan do you have?
Schedule electives which interest you or may support a career and lead to a degree other than Sonography: Surgical Technology, Nursing, EMS, Healthcare Information Technology, Pharmacy Tech and others. You may apply to the Sonography program more than once. Each application is competitive.

Interested in Surgical Technology?

If you are interested in Surgical Technology as an Allied Health profession, you should consider scheduling SURT 1023 (lecture) and SURT 1021 (lab) which are introductory classes and required for entry to the program. You will learn the atmosphere of the Operating Room and skills needed to pursue a career in the Surgical Department. For more information: 225-216-8044.

Louisiana Transfer Associate Degree

The Louisiana Transfer Associate Degree is a two-year portable academic credential that awards junior standing in any Louisiana public university. Advising and planning are key to your success. It is your responsibility to choose the courses that will best prepare you for a specific college and major, and to complete your baccalaureate in a timely manner. Curricula approved for the Transfer Degree are listed in the BRCC Catalog

BRCC is retake-and-replace

You may retake a class for which you wish to make a better grade.

The second grade is the grade of record, whether it is a better grade or worse.

Be aware, however, that scheduling the same class more than twice may incur some financial aid restrictions. Ask a financial aid counselor if you are uncertain about the rules which apply.

Pre-Application: Criminal Issues (from ARDMS website)

If you have legal issues on your record, you may not be allowed to work in certain health care settings (hospitals, clinics) or you may not be allowed to challenge the ARDMS registry exams.

If you are presently charged with, or have been convicted or found guilty of or plead *nolo contendere* to any crime (felony and/or misdemeanor), other than a speeding or parking violation, you may have questions concerning this rule and may wish to obtain clarification as to how it pertains to your circumstances. ARDMS conducts a "pre-application review", for a \$125 non-refundable fee, for individuals who wish to determine the impact of a previous criminal matter on their eligibility to apply for ARDMS certification. The pre-application review process is recommended for individuals who have not yet applied for examination and are contemplating employment in the field of sonography and/or enrollment in a sonography program.

You should visit the ARDMS website link:

<http://www.ardms.org/ARDMS%20Documents/Compliance%20Documents/Pre-application%20Criminal%20ARDMS.pdf#search=criminal%20history>

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Ultrasound & Career Information Sources

Society of Diagnostic Medical Sonography (SDMS)

- <http://www.sdms.org/career/career.asp>
- This is our Sonography profession website – good public information is available



American Registry for Diagnostic Medical Sonography (ARDMS)

- <http://www.ardms.org/>
- http://www.ardms.org/Compliance/Pre-application_Criminal.pdf
- This is a Sonography registry website – good public information is available



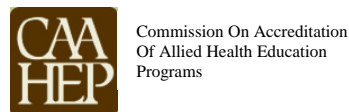
American Registry of Radiologic Technologists (ARRT)

- <http://arrt.org>
- This is a Sonography registry website – good public information is available



Commission on Accreditation of Allied Health Education Programs (CAAHEP)

- <http://caahep.org>
- This is our Sonography Accreditation website – good public information is available



ATI TEAS Exam

- http://www.atitesting.com/ati_store/product.aspx?zpid=1493
- Study guide & electronic test is available for \$90.00 and is strongly recommended to improve your test score



O*NET Online

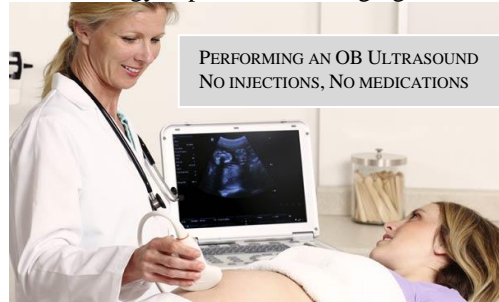
- <http://online.onetcenter.org/link/summary/29-2032.00>



BATON ROUGE COMMUNITY COLLEGE ASSOCIATE OF APPLIED SCIENCE IN DIAGNOSTIC MEDICAL SONOGRAPHY

WHAT IS DIAGNOSTIC MEDICAL SONOGRAPHY (ULTRASOUND)?

DIAGNOSTIC MEDICAL ULTRASOUND is a noninvasive imaging technology such as an OB scan, employed in a radiology department or imaging clinic and is used to examine soft tissue and blood flow.



Noninvasive means that nothing is inserted into the body through the skin (no puncture) and uses no medicines. Additionally no radiation is employed, unlike X-ray and CT imaging. A water washable gel is applied to the body and a probe is placed on the skin and moved around to view the baby. A similar technique is used to image the other body parts.

Soft tissue includes most of the soft organs of the head, neck, torso and extremities, excluding hard organs like bone and skull. OB imaging examines the developing baby and provides images and measurements your doctor will use to determine the health of your pregnancy, baby's developmental age, weight and delivery date. Ultrasound is also used to examine the Uterus and Ovaries, Abdomen and Gallbladder, Heart and Blood Vessels and other organs.

Sonographers work in hospital Radiology Departments, outpatient Imaging Centers and physicians' offices. Some sonographers with experience and expertise in multiple specialties operate independent scanning services.

BRCC's Diagnostic Medical Sonography program requires 29 hours of prerequisites in General Education: Math, Biology, Physics, English, Psychology, Medical Terminology, Medical Ethics, and Humanities. The Sonography curriculum is 33 hours over 4 consecutive full time semesters. After completion of the DMS program one must pass registry examinations in various specialized areas of ultrasound determined by one's area of employment: Abdomen, OB/Gyn, Vascular, Adult Cardiac, Pediatric Cardiac, Pediatric Neurosonology, Musculoskeletal and Breast. Salary for a new sonographer begins around \$40K (\$20/Hr). With experience and multiple registries pay may be significantly higher.

Technical Standards for Sonographers: Sonography can be physically and emotionally demanding. Sonographers are expected to work with machines which may weigh a few hundred pounds, and wheel the instruments through a hospital to the patient's bedside. You may also be required to assist with patient transfer from bed to wheelchair to exam table and back. Sonographers must be able to communicate effectively with distraught patients and family and with other health care givers. You must assess, with your primary health provider, if you can meet the physical and emotional demands of a sonography career. **If you are pregnant or plan to become pregnant during the DMS program, you must meet these same requirements. If you cannot, your ability to complete the program in the allotted time may be affected.**

Sonographers must be able to meet the following minimum standards:

1. Communicate, read & write in English with proficiency to communicate with patients and other care givers and physicians
2. Assist patients in moving, turning, & transferring from transportation devices to exam tables
3. Be able to push, pull and lift 50 pounds and push ultrasound equipment on wheels
4. Maintain prolonged arm positions necessary for scanning
5. Be physically able to administer emergency patient care, including performing CPR
6. Be able to stand for long periods, and walk long distances (2 miles +/-) in a working day

Samples of images:



Scrutinizing the fetal face is done at around 18-20 weeks



Detecting heartbeat with doppler



Breast Mass



Gallstones