

Sonography... An Overview of the Field

Diagnostic Medical Sonography is an exceptionally specialized type of medical imaging. It is a growing healthcare profession that uses high frequency sound waves to produce dynamic visual images of organs, tissues, and blood flow within the body. Ultrasound is an essential tool in the diagnostic arsenal.

Sonographers are highly skilled professionals who use scanning equipment and techniques to obtain diagnostic quality images and data that will be used by physicians to reach crucial diagnostic decisions which directly impact patient management. *Sonographers* work closely with a variety of patients ranging from healthy to the critically ill and must be able to interact compassionately. As part of the health care team, *Sonographers* also collaborate with physicians, other medical imaging professionals, laboratory personnel, and nurses, among others, so good communication skills and the ability to work together are vital.



Become a Diagnostic Medical Sonographer

Program Description

Hunter Business School's Allied Health Division is offering a comprehensive 20 month Diploma Program in *Diagnostic Medical Sonography*. The Program is comprised of extensive coursework in the areas of Abdominal sonography, OB/Gyn sonography, Small Parts sonography (e.g. thyroid, breast, testicular, etc), Neonatal Neurosonography, and Cardiac sonography (echocardiography). To supplement the classroom and lab work, a substantial portion of the Program is also devoted to placements at various Clinical Affiliates (located in Nassau, Suffolk and Queens) for a range of scanning opportunities and experiences. The diversity of clinical settings will give students the opportunity to develop their scanning skills and help them fully integrate didactic knowledge with direct "hands-on" clinical experience.

Call Today For More Information 631.736.7360
www.hunterbusinessschool.edu



Admission Prerequisites

We are seeking applicants with strong interest and aptitude in science and technology as well as a desire to be directly involved in patient care. Candidates who are eligible to apply for the program will already have a Bachelor's Degree or will have successfully completed a 2-year Accredited Allied Health Education Program that is patient-care related.



Course List

2442 Total Hours

- Vital Signs/CPR/Basic First Aid
- Medical Terminology
- Intro to DMS/Patient Care/Ethics
- Anatomy & Physiology
- Cross Sectional Anatomy I & II
- Acoustic Physics I & II
- Sonographic Procedures I A & B (Abd/Small Parts)
- Sonographic Procedures II A & B (OB/Gyn)
- General Sonography Labs A & B
- Sonographic Procedures III A & B (Cardiac)
- Cardiac Sonography Labs A & B
- Seminars in Advanced Topics
- Critical Thinking
- Professional Development
- Clinical Externships I, II, III, IV, & V
- Registry Review



ALLIED HEALTH DIVISION
School of Diagnostic Medical Sonography