#### **HOW TO APPLY**

All students must apply online.

Deadlines vary depending on college, program and your academic level when applying.

There are early admission options for some programs.

That information and the application guidelines are on our website: www.upstate.edu/students



### PREREQUISITE COURSE WORK TO INCLUDE:

56 Credit Hours of Liberal Arts and Sciences

	Credits
Anatomy & Physiology I with lab	3-4
Anatomy & Physiology II with lab	3-4
General Physics with lab*	3-4
College Algebra or Pre-Calculus or Calculus	3
English Composition	3
English Elective	3
Psychology	3
Sociology	3
Liberal Arts Electives	29-32

## UPSTATE MEDICAL UNIVERSITY

COLLEGE OF HEALTH PROFESSIONS

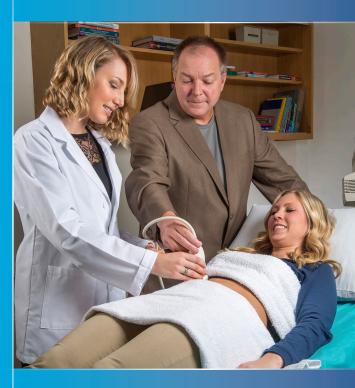
Student Admissions

I2I5 Weiskotten Hall | 766 Irving Avenue
Syracuse, NY I32I0
3I5.464.4570
Fax: 3I5.464.8867
admissfa@upstate.edu

www.upstate.edu/chp/programs/us

**BS & BPS DEGREE PROGRAMS** 

## ULTRASOUND TECHNOLOGY



# UPSTATE MEDICAL UNIVERSITY

COLLEGE OF HEALTH PROFESSIONS

UPPER-DIVISION TRANSFER AND GRADUATE COLLEGE

## **ULTRASOUND TECHNOLOGY**

#### **CAREER SNAPSHOT**

An Ultrasound Technologist (also called a Sonographer) is a specially trained medical imager who uses sound waves to create images of organs and tissues within the body. The Ultrasound Technologist performs a preliminary examination of the patient and creates images for the radiologist to examine.

These professionals have a high level of patient contact in which the use of interpersonal skills is critical. They work in hospitals, clinics, physician's offices, imaging centers, and industry.

Good communication skills are vital. Sonographers must share information with patients, fellow technologists, the radiologist and often the referring physician. Sonographers are alone with the patient for the entire exam; friendliness and professionalism can calm an apprehensive patient.

The sonographer must have a passion for accuracy and an excellent understanding of human anatomy. He or she must exercise judgment in selecting images for the radiologist to review.

#### STRENGTHS OF PROGRAM

Small class sizes, individualized attention, great clinical opportunities, strong job placement. The Ultrasound program accepts seven students per year.

Student-friendly environment that is conducive to learning.

Part of an academic medical university, with exposure to students and faculty from a variety of health care specialties within and beyond Medical Imaging.

All graduates are eligible to apply for certification through the American Registry for Diagnostic Medical Sonography. Pass rates are excellent, reaching 100 percent most years.



#### **CLINICAL OPPORTUNITIES**

Recent clinical settings for our students include Upstate University Hospital; Auburn Community Hospital; Crouse Hospital: St. Joseph's Hospital Health Center; Geneva General Hospital; VA Syracuse; Regional Perinatal Center.

#### **BACHELOR OF SCIENCE (BS) DEGREE**

Graduates of the ultrasound program are eligible to take the ARDMS certification examinations in physics, abdominal and OB/GYN ultrasound.

## BACHELOR OF PROFESSIONAL STUDIES (BPS) DEGREE

This program is for students who have an associate's degree, the required prerequisite courses and ARRT certification or certification-eligible in medical imaging (X-ray). The degree is BPS Diagnostic Medical Sonography (Ultrasound).

#### **OUTCOMES**

The Ultrasound program has achieved 100 percent graduation and job placement over 10+ years.



"The Medical Imaging program here at Upstate is very relevant to the job market out there. The training you receive in class gives you the confidence you need for the clinical setting. The faculty are very caring. They want to make sure you know the material."

John Knack, Ultrasound (BPS), Class of 2015, entered Ultrasound after earning his Radiography degree

## ULTRASOUND, BS/BPS PROGRAMS OF STUDY BPS TRACK, 49 CREDIT HOURS

#### **JUNIOR YEAR**

JUNIOR YE	AR			
Fall Semes	ter 14-	17 Credits		
BIOL 340	Advanced Physiology	3		
IMAG 327	Topographic, Sectional and Imaging Anatofor Diagnostic Medical Sonographers	omy 3		
IMAG 461	Ultrasound Physics and Instrumentation I	2		
IMAG 472	Abdominal Ultrasound	5		
BIOL 451	Research Methods I – SUNY Gen Ed Course	e 1		
RDSC 326	Radiologic Science Patient Care (BS only)	2		
IMAG 328	Introduction to Imaging Modalities (BS on	ıly) 1		
Spring Semester		4 Credits		
<b>HUMN 315</b>	Health Care Ethics	2		
IMAG 462	Ultrasound Physics and Instrumentation II	2		
IMAG 475	Obstetrics and Gynecology Ultrasound I	3		
IMAG 480	Clinical Practicum I	7		
Summer	1	2 Credits		
IMAG 476 C	bstetrics and Gynecology Ultrasound II	2		
IMAG 481 C	linical Practicum II	10		
SENIOR YEAR				

Fall Semester	13 Credits
ENGL 325 Professional and Technical Writing	3
IMAG 477 Interventional Ultrasound	1
IMAG 478 Ultrasound of Superficial Structures	1
IMAG 482 Clinical Practicum III	3
Spring	14 Credits
IMAG 411 Imaging Pathology	3
IMAG 465 Ultrasound Senior Project	1
IMAG 483 Clinical Practicum IV	10