



The School of Health and Rehabilitation Sciences

Sonography

Radiologic Sciences and Therapy

The School of Health and Rehabilitation Sciences (SHRS) is a School in The Ohio State University College of Medicine. The School is nationally recognized as a leader in practice-based health care education. For more than five decades, the School has prepared students to achieve personal and professional excellence, as they pursue an exciting career in healthcare.

PROGRAM OVERVIEW

A diagnostic medical sonographer is a highly-skilled professional who uses specialized equipment to create images of structures inside the human body that are used by physicians to make a medical diagnosis. A small device called a transducer is placed against the patient's skin near the body area to be imaged. The transducer works like a loudspeaker and microphone because it can transmit and receive sound. The transducer sends a stream of high frequency sound waves into the body that bounce off the structures inside and detects sound waves as they bounce off the internal structures. Upon graduation, students are eligible to sit for the registration exam.

ADMISSION & APPLICATION PROCEDURES

Applicants must meet the following minimum requirements and submit requested materials to be considered for admission. The application deadline for AUTUMN 2017 is January 31st, 2017. The professional program will begin August 22, 2017.

- 1. An electronic application is available online at gpadmissions.osu.edu which must be completed and submitted with all required supplemental documents, if applicable.
2. A minimum 2.50 cumulative GPA is required in all coursework taken at all accredited institutions. All post-secondary coursework is considered. Although a 2.5 GPA is the minimum, the average GPA is higher.
3. Completion of all prerequisite courses or their equivalents with a C- or higher by the end of spring semester, 2017.
4. Eight (8) hours of documented direct patient contact experience in a Department of Sonography. Please inform the scheduling administrator that you require observation in Sonography. Observation documentation forms and instructions are online in the "Future Students" tab under "Admissions" and then under "Admission Criteria". www.medicine.osu.edu/hrs/rd
5. A personal interview will be offered to competitive applicants. Knowledge of the profession and personal career goals will be evaluated at this time.

DEGREE REQUIREMENTS

The minimum total hours to graduate from The Ohio State University is 120 semester hours. The Sonography program requires a minimum of 146* hours barring special circumstances. This includes all general graduation requirements, general education curriculum, program prerequisites, and professional curriculum. Remedial, conditional, and repeated coursework do not count towards the minimum hours. *number does not include survey

GENERAL EDUCATION (12 SEMESTER HOURS THAT DO NOT DOUBLE COUNT AS PREREQUISITES)

SHRS students must complete all General Education (GE) before graduating from the University. Some of these requirements overlap with program prerequisites or professional curriculum courses. The required coursework is listed below:

Students are encouraged to double count the global and social diversity GE requirements with other GEs.

Table with 4 columns: Writing (6 hours), Math (4-5 hours), Art (3 hours), Historical Study or Culture & Ideas (3 hours); Data Analysis (3 hours), Literature (3 hours), Science (10 hours), Social Diversity in the US (0-3 hours); Social Science (6 hours), Global Studies (0-6 hours), Historical Study (3 hours), Open Options (6 hours)

PROGRAM PREREQUISITES (58 SEMESTER HOURS INCLUDING COURSES THAT DOUBLE COUNT AS GE COURSES^{GE})

Students who wish to apply to the Sonography program must have completed all of the following program prerequisite courses or their equivalent with a C- or higher by the end of spring semester, 2017.

(once admitted, 2 years of schooling)

Table with 6 columns listing prerequisite courses: Math 1150 GE, Chemistry 1110, Biology 1101 or 1113 GE, Physics 1200 GE, Physics 1201 GE; EEOB 2520 GE, Anatomy 2300.04 GE, Statistics 1350 or 1450 GE, Psychology 1100 GE, Sociology 1101 GE; English 1110 GE, Second Writing Course GE, HTHRSC 2500, HTHRSC 5370**, HTHRSC 5500, RAD SCI 3200*

PROFESSIONAL CURRICULUM (76 SEMESTER HOURS)

The professional curriculum is completed in sequence and there is **no provision for part-time or evening-only enrollment**. The program includes all knowledge and practical skills required for professional credentialing. The curriculum includes extensive supervised practice in medical facilities on and off campus. Students must have transportation and may have to drive significant distances for supervised practice.

SUGGESTED SCHEDULING PLAN

The following plan demonstrates how students may complete the Radiation Therapy program in nine semesters including one summer term. There is flexibility in when a student may take courses in years one and two. However, in years three and four, the curriculum is more structured with only limited ability to change. It is assumed that students following this plan who are admitted to the program will begin professional coursework autumn semester of year three.

SCHEDULE IS BASED ON A TRADITIONAL 4 YEAR COURSE OF STUDY. COURSE OFFERINGS ARE A TENTATIVE PLAN AND SUBJECT TO CHANGE.

YEAR 1	YEAR 2	YEAR 3	YEAR 4
Autumn HTHRHC 1100 (1) Math 1150 (5) Psychology 1100 (3) Biology 1101 or 1113 (4) GE (3) Total (16)	Autumn EEOB 2520 (3) Rad Sci 3200* (2) Second Writing Course (3) Physics 1201 (5) GE (3) Total (16)	Autumn BEGIN PROFESSIONAL COURSEWORK RadSci 3430-Gen Concentration in Sono I (3) RadSci 3486-DMS Physics 1 (3) HTHRHC 5900– Design in Biomed Sci (3) Rad Sci 3310 - Intro to Rad Sci (3) RadSci 3489 – DMS Practicum I (4) Rad Sci 3200 (transfer students)* (2) Total (16-18)	Autumn RadSci 4520-Vascular Sonography (3) RadSci 5389 – Admin & QM in the Rad Sci (3) RadSci 4689 – Vascular Sono Practicum I (7) GE (3) Total (16)
Spring Physics 1200 (5) English 1110 (3) Anatomy 2300.04 (4) Statistics 1350 (3) HTHRHC 2500 (3) Total (18)	Spring Chem 1110 (5) HTHRHC 5370** (3) HTHRHC 5500 (4) Sociology 1101 (3) GE (3) Total (18)	Spring RadSci 3431-Gen Concentration in Sono 2 (3) RadSci 3487-DMS Physics 2 (3) RadSci 3672- Rad Sectional Anatomy (3) RadSci 3589- DMS Practicum II (7) Total (16)	Spring RadSci 4521-Vascular Sonography 2 (3) RadSci 5389 – Admin & QM in the Rad Sci (2) RadSci 4789 – Vascular Sono Practicum II (7) RadSci 4630- Transitions to Clinical Practice 1 (2) Total (14)
HTHRHC 5610 is a highly recommended elective for the Radiologic Sciences and Therapy Programs.	Summer ACCREDITED CPR COURSE There are two options for CPR certification: 1. CPR class 2. An equivalent two year certification in CPR	Summer RadSci 4530-Quality Mgmt in Rad Sci (3) RadSci 4488-DMS Physics (3) RadSci 4432- Gen Concentration in Sono (3) RadSci 3689- DMS Practicum III (8) Total (17)	Summer Optional RadSci 4889 – Vascular Sono Practicum III (7) Total (7)

*Rad Sci 3200 is only open to students in SHRS majors; non-SHRS majors will require permission of instructor for registration. There is not an alternate course.

**HTHRHC 5370 is only open to students in SHRS majors; non-SHRS majors will require permission of instructor for registration. PUBHHMP 4650 is an alternate course.

ADDITIONAL INFORMATION

It is strongly recommended that prospective students schedule an appointment with their pre-HRS advisor. If you are not a pre-HRS student, you must complete an online major information session prior to meeting with a pre-HRS advisor. Further information can be accessed [online](#) under the future students tab. Prospective students such as baccalaureate degree-holders, transfer, international, or those that have time commitment issues such as student athletes and band members are strongly encouraged to meet with a pre-HRS advisor to discuss special circumstances which may apply.

Student Services Office
 School of Health and Rehabilitation Sciences
 206 Atwell Hall, 453 West 10th Ave.
 Columbus, Ohio 43210
 614-292-1706
HRSSstudentservices@osumc.edu

Kevin D. Evans, PhD.
 Director, Division of Radiologic Sciences and Therapy
 340 Atwell Hall, 453 West 10th Ave.
 Columbus, Ohio 43210
 614-688-4535
evans.36@osu.edu