



PROGRAM OVERVIEW

Diagnostic medical sonographers and vascular technologists are skilled professionals who operate specialized equipment to conduct tests and create high-quality sonographic images of internal structures of the human body. Physicians review the findings of these examinations to form a medical diagnosis. Sonographers can also be involved during procedures where views of internal structures are acquired in real-time to aid physicians. Upon graduation from the Diagnostic Medical Sonography/Vascular Technology programs, students can sit for the [American Registry for Diagnostic Medical Sonographers](#) credentialing exams in the Abdomen, OB/GYN, and Vascular Technology specialties.

APPLICATION REQUIREMENTS

GPA of 2.50 or higher

A minimum 2.50 cumulative GPA is required in all coursework taken at any accredited institution.

Prerequisite Courses

By the end of the Spring semester of 2024, all prerequisite courses or equivalents must be completed with a C- or higher.

Online Application

The application is available [online](#) and must be completed and submitted with all required supplemental documents. Application FAQ can be found [here](#).

Observation Hours

Please review the full observation hour requirement [here](#).

A personal interview will be offered to competitive applicants. Knowledge of the profession and personal career goals will be evaluated then. The program will give individual consideration in the admission assessment to courses taken and applicant experiences.

PREREQUISITE COURSES

These courses must be completed before beginning professional coursework. Ohio State course numbers are shown below.

Math 1148 & 1149, or 1150

Chemistry 1110 or 1210

Biology 1113

Physics 1200

Physics 1201

Anatomy 2300, 3300, or EEOB 2510

EEOB 2520, or PHYSIO 3200

Psychology 1100

English 1110

HTHRHSC 2500

HTHRHSC 5500

HTHRHSC 5370 or PUBHHMP 3610

APPLICATION DEADLINE

The Radiologic Sciences and Therapy program admits students once per year, with students beginning the program in the Autumn semester. The application deadline for Autumn 2024 is January 31, 2024. The professional program will begin on August 20, 2024.

DEGREE REQUIREMENTS

The minimum hours to graduate from The Ohio State University with a Bachelor of Science in Health and Rehabilitation Sciences is 120 credit hours. The Sonography program requires 136 credit hours, not including HTHRHSC 1100. Students should reference their [degree audit](#) to ensure they complete all required degree components. This includes general education, program prerequisites, and professional curriculum.

Radiologic Sciences & Therapy

Sonography (GEN)

YEAR 1

Autumn	Credits	Spring	Credits	Notes
HTHRHSC 1100	1	English 1110.01	3	HTHRHSC 5610 is a highly recommended Radiologic Sciences and Therapy Program elective.
MATH 1150	5	Biology 1113	4	
Chemistry 1110 or 1210	5	Anatomy 2300	4	
PSYCH 1100	3	HTHRHSC 2500	3	
GENED 1201	1	GE Foundation	3	
Total	15	Total	17	

YEAR 2

Autumn	Credits	Spring	Credits	Notes
PHYSICS 1200	5	PHYSICS 1201	5	An accredited CPR Course is required before beginning the professional program.
EEOB 2520	3	HTHRSHC 5500	4	
GE Theme*	4	HTHRHSC 5370	3	
GE Foundation	3	GE Theme*	4	
Total	15	Total	16	

Begin Professional Coursework

YEAR 3

Autumn	Credits	Spring	Credits	Summer	Credits
RadSci 3430 Sonography 1	3	RadSci 3431 Sonography 2	3	RadSci 4530 Quality Mgmt.	3
RadSci 3486 DMS Physics 1	3	RadSci 3672 Sectional Anatomy	3	RadSci 4488 DMS Physics 3	2
RadSci 3310 Intro to Radiation	3	RadSci 3487 DMS Physics 2	3	RadSci 4432 Sonography 3	2
RadSci 3489 DMS Practicum 1	4	RadSci 3589 DMS Practicum 2	7	RadSci 3689 DMS Practicum 3	7
HTHRHSC 4200 Health Sciences Research	3	Total	16	Total	14
Total	16				

YEAR 4

Autumn	Credits	Spring	Credits
RadSci 4520 Vascular 1	3	RadSci 4521 Vascular 2	3
RadSci 4325 Admin/Management	2	RadSci 4789 Vascular Practicum 2	7
RadSci 4689 Vascular Practicum 1	7	RadSci 4630 Transition to Clinical	2
GE Foundation	3	HTHRHSC 4001 Reflection Seminar	1
Total	15	Total	13

*Students will take thematic courses in the *Citizenship for a Diverse and Just World* Theme (4-6 hours) and in one additional Theme of their choosing (4-6 hours).

The above plan demonstrates how students may complete the Sonography program in nine (9) semesters, including one (1) summer term. It is assumed that admitted students following this plan will begin professional coursework in the autumn semester of year three (3). There is flexibility in a student taking courses in years one (1) and two (2). However, in years three (3) and four (4), the curriculum is more structured with limited ability to change. Students may choose to take non-professional courses over summer terms.

It is highly recommended that students take all GE courses before starting the professional program. The professional curriculum is completed in sequence, and there is no provision for part-time or evening-only enrollment. Students who intend to transfer credit to Ohio State may view how credit is accepted on [Transferology.com](https://www.transferology.com).

Ohio State academic programs are designed to prepare students to sit for applicable licensure or certification in Ohio. If you plan to pursue licensure or certification in a state other than Ohio, please review state educational requirements for licensure and certification and state licensing board contact information [here](#) for online programs and [here](#) for on-campus programs.

Questions? Contact the School of Health and Rehabilitation Sciences at 614-292-1706 or HRStudentservices@osumc.edu

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