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 healthcare 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 from the American Registry for Diagnostic Medical Sonography.

ADMISSION & APPLICATION PROCEDURES

Applicants must meet the following minimum requirements and submit requested materials to be considered for admission. The application deadline for AUTUMN 2020 is January 31st, 2020. The professional program will begin August 25, 2020.

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, 2020.
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 “Academics” tab under “Undergraduate Programs” and then under the “Admissions Requirements” tab of the “Radiologic Sciences and Therapy” page. http://go.osu.edu/RadSciObservation
5. An 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 GE.

<table>
<thead>
<tr>
<th>Writing (6 hours)</th>
<th>Math (4-5 hours)</th>
<th>Art (3 hours)</th>
<th>Historical Study or Culture &amp; Ideas (3 hours)</th>
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<tbody>
<tr>
<td>Data Analysis (3 hours)</td>
<td>Literature (3 hours)</td>
<td>Science (10 hours)</td>
<td>Social Diversity in the US (0-3 hours)</td>
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<tr>
<td>Social Science (6 hours)</td>
<td>Global Studies (0-6 hours)</td>
<td>Historical Study (3 hours)</td>
<td>Open Options (6 hours)</td>
</tr>
</tbody>
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PROGRAM PREREQUISITES (59 SEMESTER HOURS INCLUDING COURSES THAT DOUBLE COUNT AS GE COURSES*)

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, 2020.

*(once admitted, 2 years of schooling)

| Math 1150 GE | Chemistry 1110 or 1210 | Biology 1101 or 1113 GE | Physics 1200 GE | Physics 1201 GE HTHRHSC 5900 |
| EEOB 2520 GE | Anatomy 2300.04 or higher GE | Statistics 1350 or higher GE | Psychology 1100 GE Sociology 1101 GE |
| English 1110 GE | Second Writing Course GE | HTHRHSC 2500 | HTHRHSC 5370 HTHRHSC 5500 or PUBHHMP 4650 |

*number does not include survey
PROFESSIONAL CURRICULUM (75 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 program 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 Sonography 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.

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>YEAR 2</th>
<th>YEAR 3</th>
<th>YEAR 4</th>
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<tbody>
<tr>
<td>Autumn</td>
<td>Autumn</td>
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<td>Autumn</td>
</tr>
<tr>
<td>HTHRHSC 1100 (1)</td>
<td>Math 1150 (5)</td>
<td>EEOB 2520 (3)</td>
<td>HTHRHSC 5370** (3)</td>
</tr>
<tr>
<td>Psychology 1100 (3)</td>
<td>Biology 1101 or 1113 (4)</td>
<td>Second Writing Course (3)</td>
<td>HTHRHSC 5370** (3)</td>
</tr>
<tr>
<td>Math 1150 (5)</td>
<td>Psychology 1100 (3)</td>
<td>Physics 1201 (5)</td>
<td>HTHRHSC 5370** (3)</td>
</tr>
<tr>
<td>Biology 1101 or 1113 (4)</td>
<td>Math 1150 (5)</td>
<td>HTHRHSC 5900 (3)</td>
<td>HTHRHSC 5370** (3)</td>
</tr>
<tr>
<td>Total (16)</td>
<td>Total (17)</td>
<td>Total (15)</td>
<td>Total (16)</td>
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<tr>
<th>Spring</th>
<th>Spring</th>
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<tbody>
<tr>
<td>Physics 1200 (5)</td>
<td>English 1110 (3)</td>
<td>HTHRHSC 5370** (3)</td>
<td>RadSci 4521-Vascular Sonography 2 (3)</td>
</tr>
<tr>
<td>English 1110 (3)</td>
<td>Anatomy 2300.04 (4)</td>
<td>HTHRHSC 5370** (3)</td>
<td>RadSci 5389 – Admin &amp; QM in the Rad Sci (3)</td>
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<tr>
<td>Anatomy 2300.04 (4)</td>
<td>Statistics 1350 (3)</td>
<td>HTHRHSC 5370** (3)</td>
<td>RadSci 4689 – Vascular Sonography II (7)</td>
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<tr>
<td>Statistics 1350 (3)</td>
<td>HTHRHSC 2500 (3)</td>
<td>HTHRHSC 5370** (3)</td>
<td>GE (3)</td>
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<td>Total (18)</td>
<td>Total (18)</td>
<td>Total (16)</td>
<td>Total (14)</td>
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**HTHRHSC 5370 is only open to students in SHRS majors; non-SHRS majors will require permission of instructor for registration. PUBHHMP 4650 is an alternate.

**The program will give individual consideration in the admission assessment to courses taken and applicant experiences.

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 admissions 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.

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