



THE OHIO STATE UNIVERSITY

The School of Health and Rehabilitation Sciences

Radiation Therapy

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

Radiation therapy involves treating disease with penetrating beams of high-energy radiation, primarily in the treatment of cancer. Therapists are responsible for accurately planning, recording, interpreting and administering the treatments prescribed by radiation oncologists. During simulation, therapists use CT scans to help physicians in localizing and outlining anatomical areas requiring treatment. Therapists utilize linear accelerators to deliver a prescribed dose of radiation to the planned tumor volume during treatment. Graduates are eligible to apply to sit for the national certification examination in radiation therapy from the [American Registry of Radiologic Technologists](http://www.americanregistryofradiologictechnologists.org).

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 Radiology. Please inform the scheduling administrator that you require observation in [Radiation Therapy](#). 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 radiography program requires a minimum of 143* 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 course work is listed below:

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

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 Radiation Therapy 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)

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}	HTHRHS 2500	HTHRHS 5370 **	HTHRHS 5500 RAD SCI 3200*

PROFESSIONAL CURRICULUM (73 SEMESTER HOURS)

The professional curriculum is completed in sequence and there is **no provision for part-time or evening-only enrollment**. The curriculum 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 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 3289-Rad Therapy Practicum I (4) RadSci 3573-Applied Rad Onc I (3) RadSci 3414-RT Equip & Instrumentation I (4) HTHRHC 5900- Research Design (3) Rad Sci 3310 – Intro to Rad Sci (3) RadSci 3200* (transfer students) (2) Total (17-19)	Autumn RadSci 4489 – Rad Therapy Practicum IV (6) RadSci 4482-Radiation Therapy Physics II (3) RadSci 4485-Treatment Planning (2) RadSci 4670- Radiation Biology/Protection (2) 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 3389–Rad Therapy Practicum II (5) RadSci 3471-Radiologic Physics (3) RadSci 3574-Applied Rad Onc 2 (3) RadSci 3483-Dosimetry (3) Rad Sci 3672- Rad Sectional Anatomy (3) Total (17)	Spring RadSci 4589 – Rad Therapy Practicum V (8) RadSci 4618-Clinical Radiation Oncology (2) RadSci 4630- Transitions to Clinical Practice (2) RadSci 5389 – Admin & QM in the Rad Sci (2) Total (14)
HTHRHC 5610 is a highly recommended elective for the Radiologic Sciences and Therapy Program.	Summer ACCREDITED CPR COURSE There are two options for CPR certification: 1. CPR class 2. An equivalent two year certification in CPR	Summer Term RadSci 4530-Quality Mgmt in Rad Sci (3) RadSci 4389- Rad Therapy Practicum III (6) RadSci 4478-Radiation Therapy Physics I (3) Total (12)	

*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.

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