



## RADIATION THERAPY TECHNOLOGY BACHELOR OF SCIENCE

Imagine being a member of a coalition of researchers, educators, and practitioners from many professions who work together to improve human health. We transform students into highly skilled health care practitioners who advance the health and well-being of society. Through research, we discover, evaluate, and implement new knowledge to improve models and methods of practice in pharmacy and health sciences from the urban to global levels. Arrive at your health career destination by accepting our invitation to explore the programs of the Eugene Applebaum College of Pharmacy and Health Sciences.

## imagine

### WHAT DOES A RADIATION THERAPIST DO?

Radiation therapists have a unique opportunity to blend the knowledge and skills of mathematics, science, and psychology in daily work. Radiation therapists operate sophisticated radiation equipment to treat cancerous tissue to the physician's prescription. They assist in designing the patient's treatment through the use of computer produced calculations in three-dimensional space. They recognize when a patient is having additional medical problems, which require a doctor's attention, and provide psychological support for patients who are dealing with the stress of their illness.

The following organization can provide further information about a career as a Radiation Therapist:

- American Society of Radiologic Technologists (ASRT) <http://www.asrt.org>

### WHY STUDY RADIATION THERAPY TECHNOLOGY?

*"The greatest strength of the program is the clinical component. WSU is affiliated with many local hospitals, which allow students to work with different clinical instructors and equipment, performing a variety of procedures. Students learn to become adaptable to any hospital environment."*

- ASHLEIGH WEYH  
Radiation Therapy Technology Alumna

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### WHY WAYNE STATE UNIVERSITY?

Wayne State University is a premier urban research institution offering more than 370 academic programs through 13 schools and colleges to nearly 28,000 graduate and undergraduate students. The University provides a multidisciplinary approach to research and education, and collaborates closely with government, industry and other institutions on a range of programs.

The Eugene Applebaum College of Pharmacy and Health Sciences (EACPHS) is located on one of the largest academic medical campuses in the United States and puts you in close proximity to the nation's leading health care educators. A degree from the College puts you in good company, with more than 12,000 EACPHS-educated health care professionals working in Michigan.

The Wayne State University Radiation Therapy Technology program is one of the first accredited baccalaureate degree programs in the United States. A small class size enables faculty and clinical instructors to give students more personal attention. The program is known for its academic standards, excellent clinical education component, and comprehensive curriculum.

### HOW DO I APPLY?

The application deadline is **April 1** of each year. The applicant must successfully complete all admission requirements, including the program application and all supplemental materials. Program admission is competitive and completion of admission requirements does not guarantee an interview or admission into the program.

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## ADMISSION REQUIREMENTS

- A minimum of 2.5 overall GPA.
- All grades in prerequisite courses must be a minimum of a "C" or better (2.0 on a 4.0 scale).
- Attendance at a College Information Meeting is strongly recommended: <http://cphs.wayne.edu/meetings.php>. If you are an out of state applicant, please contact a member of the Radiation Therapy Technology faculty for options to accommodate your circumstances.
- Complete two clinical visits at affiliated radiation therapy facilities. If you are an out of state applicant, please contact a member of the Radiation Therapy Technology faculty for options to accommodate your circumstances.
- Complete pre-professional courses by end of summer semester before start of the professional program.
- Non-native English speakers must meet program's English language proficiency requirements. See Web page for details.

## SCIENCE AND MATH PREREQUISITE COURSEWORK

BIO 1500 - Basic Life Diversity & Lab  
BIO 1510 - Basic Life Mechanisms & Lab  
BIO 2870 - Anatomy & Physiology & Lab  
CHM 1020 - Survey of General Chemistry & Lab  
MAT 1800 - Elementary Functions  
PHY 2130 & 2131 - General Physics I & Lab  
PHY 2140 & 2141 - General Physics II & Lab

**All science requirements must be completed within six years of the time of admission to the professional program.**

## NON-SCIENCE PREREQUISITE COURSEWORK

ENG 1020 - Introductory College Writing (BC)  
ENG 3010 - Intermediate Writing (IC)  
PSY 1010 or 1020 - Introductory Psychology  
PSY 2300 - Psychology of Everyday Living  
(alternative PSY 2410 or PSY 2400)  
PS 1010 - American Government (AI)  
COM 1010 - Oral Communication (OC) - (course required)  
Critical Thinking Competency (CT)\*

\* Degree requirements that may be satisfied by coursework or examination. See [www.testing.wayne.edu](http://www.testing.wayne.edu) for further information.

**Students who hold a previous bachelor's degree or who qualify under the university's MACRAO or MTA transfer policy (see [www.transfercredit.wayne.edu](http://www.transfercredit.wayne.edu)) are exempt from completing the requirements listed below.**

## UNIVERSITY GENERAL EDUCATION/DEGREE REQUIREMENTS

Historical Studies (HS)  
Visual & Performing Arts (VP)  
Foreign Culture (FC)  
Philosophy & Letters (PL)  
Social Science (SS)



ASHLEIGH WEYH found the transition from the Radiation Therapy Technology program to the professional field a smooth one due to the clinical component of the program. "Almost all of the clinical hours are spent performing the day to day activities of a professional radiation therapist." She found the

WSU faculty to be extremely knowledgeable and excellent instructors who went above and beyond to assist students. Currently a Medical Dosimetrist at the Barbara Ann Karmanos Cancer Institute in Detroit, she works with Radiation Oncologists to design and calculate radiation treatment plans. The work is "very rewarding," allowing Weyh to help patients in need while applying her science background.

## GENERAL DEADLINES FOR ADMISSION

### PROGRAM APPLICATION DUE - April 1

For application information:  
<http://cphs.wayne.edu/radiation-therapy/>

### UNDERGRADUATE APPLICATION DUE - April 1

WSU Undergraduate Application:  
<http://wayne.edu/admissions/>  
Office of Admissions  
Welcome Center  
42 W. Warren  
Detroit, MI 48202  
877-WSU-INFO or 313-577-3577

Office of Student Financial Aid  
313-577-2100  
<http://wayne.edu/financial-aid/>

## GENERAL INFORMATION

Eugene Applebaum College of Pharmacy and Health Sciences  
Office of Student Affairs  
259 Mack Avenue, Suite 1600  
Detroit, MI 48201  
313-577-1716  
<http://cphs.wayne.edu/>  
[cphsinfo@wayne.edu](mailto:cphsinfo@wayne.edu)

## THE RADIATION THERAPY TECHNOLOGY PROGRAM IS ACCREDITED BY:

Joint Review Committee on Education in Radiologic Technology  
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Chicago, IL 60606-2901  
312-704-5300  
<http://www.jrcert.org/>