

# RADIATION THERAPY, CONCENTRATION

The Radiation Therapy curriculum at Washburn University is a 40 credit hour, 13-month, online, certificate of completion program. This program will provide the knowledge and cognitive skills underlying the intelligent performance of the major tasks typically required of a staff radiation therapist at entry level. Graduates are registry eligible with the American Registry of Radiologic Technologists (ARRT).

## Program Mission

The Radiation Therapy Program is focused on the development of qualified radiation therapists who provide optimum patient care through technical competency and professional conduct.

## Washburn University Assessment – Program Student Learning Outcomes

Upon completion of the program students will be able to:

- PSLO 1 – Students will pass the national certification exam on the 1st attempt within 6 months of graduation.
- PSLO 2 – Students will demonstrate clinical competency by analyzing pertinent data from treatment planning documents.
- PSLO 3 – Students will demonstrate clinical competency by accurately positioning patients for treatment delivery.
- PSLO 4 – Students will demonstrate effective written communication skills.
- PSLO 5 – Students will evaluate images using various imaging technologies (MV, kV, CBCT) to ensure proper patient alignment.
- PSLO 6 – Students will demonstrate professional work standards.

## External Accreditation

The Radiologic Technology program is accredited by the:

Joint Review Committee on Education in Radiologic Technology,  
20 North Wacker Drive, Suite 2850,  
Chicago IL 60606-3182,  
(312) 704-5300, e-mail: mail@jrcert.org.

## Admission Requirements

This program has special admission requirements. The applicant must be a graduate of an accredited Radiologic Technology program, possess a minimum of an associate degree from an institution that is accredited by an acceptable accrediting body (per ARRT), hold the professional designation of RT(R), and possess a minimum cumulative grade point average of 2.5. Required prerequisite coursework includes: college mathematics; verbal communication (communication or public speaking course), written communication (english, composition), human anatomy (can be combined with physiology); human physiology (can be combined with anatomy), and radiation physics. Interested students should contact the Allied Health Department for questions on specific requirements or visit the Radiation Therapy website (<https://www.washburn.edu/radiation-therapy/>).

The Radiation Therapy program is online and students must have access to the internet, have a webcam and microphone, and possess basic computer skills.

## Certificate of Completion Requirements

The Radiation Therapy program is a 13-month program. In addition to the online didactic portion, this program includes a comprehensive clinical component. Clinical courses may be out of sequence with other University course offerings. Consult program director for course schedule.

Code	Title	Hours
AL 301	Clinical Radiation Therapy I	4
AL 302	Radiation Therapy Principles I	3
AL 303	Radiation Therapy Physics I	3
AL 304	Therapeutic Radiobiology	3
AL 305	Radiation Therapy Physics II	3
AL 307	Oncology, Simulation, and Treatment Procedures I	3
AL 309	Foundations of Radiation Therapy	2
AL 310	Radiation Therapy Procedures II	3
AL 311	Imaging in Radiation Therapy	3
AL 340	Clinical Radiation Therapy II	4
AL 370	Oncology, Simulation and Treatment Procedures II	3
AL 380	Clinical Radiation Therapy III	3
AL 381	Radiation Therapy Seminar	3
<b>Total Hours</b>		<b>40</b>