

RADIATION THERAPY, CERTIFICATE

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 Radiation Therapy 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 Requirements

Course Sequence

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.

Requirements for Certificate of Completion

Required Major Courses (40 Credit Hours)

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
Total Hours		40