RADIATION THERAPY

Degrees Offered

Bachelor of Science in Medical Imaging & Therapeutic Sciences
Post-Baccalaureate Professional Certificate in Radiation Therapy

Length of Program

The 12-month curriculum is composed of 40 semester hours and complies with the American Society of Radiologic Technology curriculum. Some of the courses in the curriculum include Treatment Planning, Patient Care, and Radiation Therapy Physics. The clinical component incorporates the American Registry of Radiologic Technology's Clinical Competency Requirements.

A UNMC radiation therapy student gains clinical experience by rotating through the following cancer centers:

- Cancer Partners of Nebraska
- CHI Health - Bergan Mercy
- CHI Health - Midwest Cancer Center
- CHI Health - St. Elizabeth Regional Medical Center
- CHI Health - Regional Cancer Center at St. Francis
- Jennie Edmundson Hospital
- Mary Lanning Medical Center - Morrison Cancer Center
- Nebraska Medicine
- Nebraska Medicine - Village Pointe Cancer Center
- Nebraska Methodist Hospital

Degree Requirements

Completion of 40 semester hours. All required courses must be completed with a minimum passing grade of 70% unless specified otherwise in the syllabus to meet graduation requirements. A minimum total of 120 semester credit hours is required for the Bachelor of Science in Medical Imaging & Therapeutic Sciences degree, and completion of the 40 semester hours in radiation therapy for the Post-Baccalaureate Professional Certificate.

The UNMC radiation therapy program has a first-time ARRT pass rate of over 91%.

Radiation Therapy is a rewarding profession with ever-changing technology and extensive patient care. This career allows for a challenging work day as well as time for a personal life. If you feel you are a compassionate, motivated person who appreciates technical precision, this career may be for you.

Technical standards (https://www.unmc.edu/alliedhealth/academics/programs/rt/admission/technical-standards.html) required to be a Radiation Therapist.

Radiation Therapy Website

Admissions

Radiation Therapy

The mission of admissions in the College of Allied Health Professions is to advance evidence-based recruitment and admissions practices that are inclusive, equitable and balanced with respect to experiences, attributes and metrics to recruit and admit applicants for the purpose of preparing highly competent, collaborative and compassionate professionals dedicated to improving the health and healthcare of all individuals and communities.

For specific Radiation Therapy admissions, application, and timelines, visit: **Radiation Therapy Admissions**.

Curriculum

The content of the Radiation Therapy curriculum follows the ASRT Radiation Therapy Professional Curriculum. The courses provide extensive didactic and clinical components to prepare the graduate for an exciting career in the field of radiation oncology.

Fall		Credit Hours
MITS 405T or MITS 605T	ORIENTATION TO RADIATION THERAPY (Online) or ORIENTATION TO RADIATION THERAPY	1
MITS 408T or MITS 608T	RADIATION THERAPY PHYSICS (Online) or RADIATION THERAPY PHYSICS	2
MITS 414T or MITS 614T	ONCOLOGY SECTIONAL ANATOMY & PATHOLOGY I (Online) or ONCOLOGY SECTIONAL ANATOMY & PATHOLOGY I	2
MITS 424T or MITS 624T	CLINICAL ONCOLOGY I (Online) or CLINICAL ONCOLOGY I	2
MITS 428T or MITS 628T	PRINCIPLES AND PRACTICE OF RADIATION THERAPY (Online) or PRINCIPLES AND PRACTICE OF RADIATION THERAPY	2
MITS 430T or MITS 630T	PATIENT CARE (Online) or PATIENT CARE	1
MITS 436T or MITS 636T	RADIATION THERAPY CLINICAL EDUCATION I or RADIATION THERAPY CLINICAL EDUCATION I	3
	Credit Hours	**13**
Spring		
MITS 415T or MITS 615T	ONCOLOGY SECTIONAL ANATOMY & PATHOLOGY II (Online) or ONCOLOGY SECTIONAL ANATOMY & PATHOLOGY II	2
MITS 425T or MITS 625T	CLINICAL ONCOLOGY II (Online) or CLINICAL ONCOLOGY II	2
MITS 435T or MITS 635T	TREATMENT PLANNING & DELIVERY (Online) or TREATMENT PLANNING & DELIVERY	3
MITS 438N or MITS 638N	ADVANCED RADIATION BIOLOGY (Online) or ADVANCED RADIATION BIOLOGY	3
MITS 439T or MITS 639T	RADIATION THERAPY CLINICAL EDUCATION II or RADIATION THERAPY CLINICAL EDUCATION II	3
CAHP 423	PRINCIPLES OF CRITICAL INQUIRY (Online)	2
	Credit Hours	**15**

Summer		
MITS 442T or MITS 642T	PROFESSIONAL PROJECTS (Online) or PROFESSIONAL PROJECTS	3
MITS 443T or MITS 643T	RADIATION THERAPY CLINICAL EDUCATION III or RADIATION THERAPY CLINICAL EDUCATION III	5
MITS 444T or MITS 644T	OPERATIONAL ISSUES IN ONCOLOGY (Online) or OPERATIONAL ISSUES IN ONCOLOGY	2
MITS 445T or MITS 645T	COMPREHENSIVE SEMINAR AND BOARD REVIEW (Online) or COMPREHENSIVE SEMINAR AND BOARD REVIEW	2
	Credit Hours	**12**
	Total Credit Hours	**40**

Radiation Therapy Website (https://www.unmc.edu/alliedhealth/academics/programs/rtt/)

Policies

Radiation Therapy Student Policies

In addition to the CAHP Student Policies (https://catalog.unmc.edu/allied-health-professions/cahppolicies/), students are required to follow the below policies. If you have any questions regarding the policies, please reach out to Lisa Bartenhagen (labarten@unmc.edu), Program Director.

- Clinical Compliance (http://catalog.unmc.edu/allied-health-professions/radthclinicalcomp/)
- Dress Code (http://catalog.unmc.edu/allied-health-professions/radthdresscode/)
- Magnetic Resonance Safety (http://catalog.unmc.edu/allied-health-professions/radthmrsafety/)
- Pregnancy (http://catalog.unmc.edu/allied-health-professions/radthpregnancy/)
- Radiation Protection (http://catalog.unmc.edu/allied-health-professions/radthradiationpro/)
- Student Employment Guidelines (http://catalog.unmc.edu/allied-health-professions/radthstudentemployment/)
- Student Leave (http://catalog.unmc.edu/allied-health-professions/radthstudentleave/)
- Supervision of Students (http://catalog.unmc.edu/allied-health-professions/radthsupervision/)
- Use of Technology (http://catalog.unmc.edu/allied-health-professions/radthuseoftech/)