

MEDICAL RADIATION SCIENCES – Radiation Therapy | 2024-2025

FIRST YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
NH 1500 - Approaches to Health	1	MATH 1212 – Fundamentals of Calc I (MA)	3
PSYS 1400 or Any Psychology Course (S1)	3	BHSC 1340 – Human Cell Biology (N2) *	4
ENGL 1001 – Written Expression (WIL1)	3	NFS 1043 – Fund of Nutrition (N1)	3
CHEM 1100 – Outline of Gen Chem (N2)	4	BHSC 1980 – Scientific Writing (WIL2)	3
HLTH 1030 – Medical Terminology	2	ANTH 1100 Cultural Anthropology (D2, SU)	3
Catamount Core AH1/AH2/AH3	3	OR D2/SU Elective	
Total Credits	16	Total Credits	16

SECOND YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
ANPS 1190 – Ugr Anatomy/Physiology I	4	ANPS 1200 – Ugr Anatomy/Physiology II	4
SOC 1370 – Race Relations in US (D1, S1)	3	Radiation Physics	3
STAT 1110 – Elements of Statistics		BHSC 2400 – Radiation Science *	4
OR STAT 1410 – Basic Stat Methods	3	RADT 2520 – Principles of Radiation Therapy *	3
HSCI 1100 – Intro to Public Health	3	HSCI 2100 – Fndns of Global Health	3
Catamount Core AH1/AH2/AH3	3		
Total Credits	16	Total Credits	17

THIRD YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
RADT 3700 – Dosimetry Concepts *	3	RADT 3710 – Dosimetry *	3
PATH 2010 – Intro to Human Disease	3	RADT 2760 – Clinical Radiation Oncology *	3
BHSC 2750 – Cross Sectional Imaging *	3	RADT 3150 – CT Procedures *	3
RADT 2850 – Intro to Clinical Practice *	3	RADT 2870 – Clinical Practicum II *	2
NH 2200 – Health Care Ethics	3	RADT 3440 – Essentials of Patient Care *	3
Total Credits	15	Total Credits	14

FOURTH YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Winter Session</u>	<u>Credits</u>
BHSC 2970 – Leadership & Mgt in Health Care *	3	RADT 3880 – Final Clinical Pract Overview *	1
RADT 3770 – Techniques in Rad Therapy *	4		
RADT 3850 – Clinical Practicum III *	3	<u>Spring Semester</u>	<u>Credits</u>
RADT 3780 – Senior Seminar *	2	RADT 3870 – Clinical Practicum IV *	11
Free Elective	1-3	RADT 3890 – Qual Assurance & Treatment Plan *	2
Total Credits	13-15	Total Credits	14

*Professional courses

This is an advising tool to help with schedule planning. Please refer to the [UVM Catalogue](#) for full Catamount Core and program requirements and the [CNHS Undergraduate Handbook](#) for academic policies.