

# MEDICAL RADIATION SCIENCES | Radiation Therapy | 2022-2023

## FIRST YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
PSYS 001 Intro to Psychological Science	3	BHSC 034 Human Blood Cell Biology <sup>1</sup>	4
ENGS 001 Written Expression	3	MATH 019 Fundamentals of Calculus I (or higher)	3
CHEM 023 Outline of General Chemistry	4	NFS 043 Fundamentals of Nutrition	3
HLTH 003 Medical Terminology	2	BHSC 098 Introduction to Scientific Writing	3
NH 050 Applications to Health	1	Elective, Diversity or Sustainability Course <sup>2</sup>	3
Elective, Diversity or Sustainability Course <sup>2</sup>	3		
<i>Total Credits:</i>	<i>16</i>	<i>Total Credits:</i>	<i>16</i>

## SECOND YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
ANPS 019 Ugr Hum Anatomy & Physiology	4	ANPS 020 Ugr Hum Anatomy & Physiology	4
SOC 001 Introduction to Sociology <b>or</b> SOC 019 Race Relations in the US	3	Prog. Director Approved Physics w/ lab	4
STAT 111 Elements of Statistics <b>or</b> STAT 141 Basic Statistical Methods	3	BHSC 140 Radiation Science <sup>1</sup>	4
Elective, Diversity or Sustainability Course	3	RADT 152 Principles of Radiation Therapy <sup>1</sup>	3
Elective Course	3	Elective	1
<i>Total Credits:</i>	<i>16</i>	<i>Total Credits:</i>	<i>16</i>

## THIRD YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
RADT 270 Dosimetry Concepts <sup>1</sup>	3	RADT 275 Dosimetry <sup>1</sup>	3
PATH 101 Intro to Human Disease	3	RADT 176 Clinical Radiation Oncology <sup>1</sup>	3
BHSC 175 Cross Sectional Imaging <sup>1</sup>	3	RADT 215 CT Procedures <sup>1</sup>	3
RADT 173 Intro to Clinical Practice <sup>1</sup>	3	RADT 174 Clinical Practicum II <sup>1</sup>	2
NH 120 Health Care Ethics	3	RADT 244 Essentials of Patient Care <sup>1</sup>	3
<i>Total Credits:</i>	<i>15</i>	<i>Total Credits:</i>	<i>14</i>

## FOURTH YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Winter Semester</u>	<u>Credits</u>
BHSC 297 Leadership & Mgt in Hlth Care <sup>1</sup>	3	RADT 279 Final Practicum Overview <sup>1, 4</sup>	1-4
RADT 277 Techniques in Radiation Therapy <sup>1</sup>	4		
RADT 223 Clinical Practicum III <sup>1</sup>	3	<u>Spring Semester</u>	<u>Credits</u>
RADT 278 Senior Seminar in Radiation Therapy <sup>1</sup>	2	RADT 274 Clinical Practicum IV <sup>1</sup>	11
Elective Course <sup>3</sup>	3	RADT 280 Quality Assurance & Treatment Plan <sup>1</sup>	2
<i>Total Credits:</i>	<i>15</i>	<i>Total Credits:</i>	<i>14</i>

- This curriculum is designed to meet the requirements for the MRS Major, RADT concentration.
- <sup>1</sup>Professional courses
- <sup>2</sup>Minimum of 121 semester credit hours, minimum GPA per program requirement, and meet University sustainability and diversity courses are required for graduation.
- <sup>3</sup>Students must take at least three credits of electives from 100 level or above that meet the program requirements. Please talk with your advisor who will provide a list of available courses. If you are completing a double major, minor, certificate, or fulfilling requirements for graduate school, please talk with your advisor.
- <sup>4</sup> Number of credits each spring semester will be determined by the RADT Program Director. The number of credits is based on the course start date.