

# Radiation Therapy (B.S.)

Howard University offers an accredited educational program in the field of radiation therapy. The program integrates academic theory and clinical study. The primary responsibilities of radiation therapists are to provide service delivery for patients who have been diagnosed with cancer. Career opportunities for radiation therapists include positions as staff radiation therapists, clinical instructors, managers, administrators, sales/private industry, researchers, and educators.

Type: B.S.

\* PSYC 003 can be accepted in place of SOCI 110

## Freshman Year First Semester

Item #	Title	Credits
	ENGW 101/102/104	3
MATH 006	College Algebra I	3
BIOL 101	General Biology Lec/Lab	4
AHCC 110	General Orientation	2
	African Diasporic Cluster	3
	<b>Sub-Total Credits</b>	<b>15</b>

## Freshman Year Second Semester

Item #	Title	Credits
	ENGW 103/105	3
	MATH 007/010	4
SOCI 001	Introduction to Sociology	3
	Philosophy Elective * (Options: Courses under Code PHIL 051, 052, 055, 057)	3
	<b>Sub-Total Credits</b>	<b>13</b>

## Sophomore Year First Semester

Item #	Title	Credits
RASC 211	Radiation Therapy Orientation	2
PSYC 050	Intro to Psychology	3
NUTR 161	Introduction to Nutrition	3
AHCC 003	Medical Terminology	2
NAHS 171	Anatomy and Physiology I	4
	<b>Sub-Total Credits</b>	<b>14</b>

## Sophomore Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SLMC 101	Principles of Speech	3
SOCI 110	Elementary Statistics	3
AHCC 301	Ethics for Health Professionals	2
PHYS 007	Physics for Allied Health	5
NAHS 172	Anatomy and Physiology II	4
	<b>Sub-Total Credits</b>	<b>17</b>

## Junior Year First Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RASC 310	Clinical Radiotherapy I	2
RASC 311	Prin & Prac of Radiation Ther	2
RASC 312	Environ & Radiation Protection	3
RASC 313	Radiation Therapy Physics I	3
RASC 314	Sectional Anatomy	2
RASC 315	Introduction to Oncology	2
	<b>Sub-Total Credits</b>	<b>14</b>

## Junior Year Second Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RASC 320	Clinical Radiotherapy II	2
RASC 323	Imaging & Radiation Therapy	3
RASC 324	Patient Care & Management	2
RASC 325	Radiation Oncology	3
RASC 326	Rad Therapy Phys II	3
RASC 327	Pathophysiology	3
	<b>Sub-Total Credits</b>	<b>16</b>

## Junior Year - Summer Sessions

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RASC 330	Clinical Radiotherapy III	3
RASC 335	Clinical Radiotherapy IV	3
	<b>Sub-Total Credits</b>	<b>6</b>

## Senior Year First Semester

Item #	Title	Credits
RASC 412	Treatment Planning I	2
RASC 415	Radiation Oncology II	3
RASC 414	Problem Solving	1
HLMN 102	Health Management I	3
AHCC 414	Radiation Therapy Sci. Inquiry	2
	<b>Sub-Total Credits</b>	<b>13</b>

## Senior Year Second Semester

Item #	Title	Credits
RASC 420	Clinic Radiation Therapy VI	4
RASC 422	Problem Seminar	2
RASC 426	Treatment Planning II	2
RASC 427	Radiation Biology	2
RASC 428	Quality Management	2
	<b>Sub-Total Credits</b>	<b>12</b>
	<b>Total credits:</b>	<b>120</b>

## Category Descriptions

### ENGW 101/102/104

Choose between ENGW 101, ENGW 102, OR ENGW 104

### African Diasporic Cluster

African Studies Elective (Options: Courses under subject code AFST) 3

### ENGW 103/105

### MATH 007/010

Choose between MATH 007 and 010

### Philosophy Elective \* (Options: Courses under Code PHIL 051, 052, 055, 057)