

Bachelor of Science (B.S.)  
**Radiation Therapy**  
Secondary Application Required

2023 – 2024  
Catalog Year

1st Year					
Fall		Winter		Spring/Summer	
BIO 120: General Biology I <sup>GE Life Science</sup>	4	AHS 100: Medical Terminology	3	<sup>3</sup> MTH 123: Trigonometry	3
<sup>1</sup> MTH 110: Algebra	4	BMS 250: Anatomy and Physiology I	4		
<sup>2</sup> WRT 150: Strategies in Writing <sup>GE Writing</sup>	4	MTH 122: College Algebra	3		
General Education <sup>GE Art</sup>	3	PSY 101: Intro. Psychology <sup>GE Social/Behavioral</sup>	3		
		SOC 105: Social Problems <sup>GE Social/Behav &amp; US Diversity</sup>	3		
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>16</b>		
2nd Year					
Fall		Winter (Apply to program by Feb. 1st)		Spring/Summer	
BMS 251: Anatomy and Physiology II	4	PHY 221: General Physics II	5		
PHY 220: General Physics I <sup>GE Physical Science</sup>	5	AHS 301: Intro. Hlth Care Research <sup>or</sup>	3		
STA 215: Intro. Applied Statistics <sup>GE Math</sup>	3	<sup>4</sup> PSY 300: Research Mthds. in Psychology <sup>GE SWS</sup>	3		
General Education <sup>GE Philosophy and Literature</sup>	3	General Education <sup>GE Historical Analysis</sup>	3		
		General Education <sup>GE Global Perspectives</sup>	3		
		<sup>5</sup> Elective	1		
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>		
3rd Year ~ Admission Required					
Fall		Winter		Spring/Summer	
RIT 302: Radiation Protection Physics	2	RIT 332/333: RT Principles & Practices II w/ Lab	4	RIT 362 : RT Clinical Ed. II	4
RIT 310: Radiation Therapy Patient Care	3	RIT 361: Radiation Therapy Clinical Education I	2		
RIT 330/331: RT Principles & Pract. I w/ Lab	5	RIT 420: Radiation Therapy Physics I	2		
RIT 401: Radiologic Information Technology	3	RIT 424: Image Guided Prin. of Radiation Therapy	4		
RIT 458: Neoplasms	3	RIT 441: Gross Human Sectional Anatomy	4		
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>16</b>	<b>Total</b>	<b>4</b>
4th Year ~ Admission Required					
Fall		Winter		Spring/Summer	
RIT 422: Radiation Therapy Physics II	2	AHS 340 Health Care Management <sup>Issues</sup>	3		
RIT 430/431: RT Principles & Pract III w/ Lab	4	RIT 322: Radiation Biology	2		
RIT 460: Radiation Therapy Clinical Ed. III	3	RIT 432/433: RT Practices and Principles IV w Lab	4		
RIT 470/471: RT Treatment Planning w/ Lab	3	RIT 461: RT Clinical Education IV	3		
General Education <sup>Issues</sup>	3	RIT 472/473: Intro. to Medical Dosimetry w/ Lab	3		
		RIT 495: Advanced Clinical Problems in RT <sup>GE SWS</sup>	3		
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>18</b>		

Curriculum Notes:

<sup>1</sup> MTH 108 and MTH 109 may be taken in place of MTH 110

<sup>2</sup> WRT 120 & WRT 130 may be taken in place of WRT 150. ("C" or better is required in WRT 130 or WRT 150)

<sup>3</sup> MTH 123 is not required for the RT major and is only listed on this guide as a prerequisite to PHY 220.

<sup>4</sup> PSY 300 may be used in place of AHS 301. AHS 301 is NOT an SWS.

<sup>5</sup> Students may need elective courses to fulfill the 120 credits required to graduate.

- This is a suggested curriculum guide that might not be applicable to every student.
- Courses that include 'GE' are required in the major **AND** fulfill a General Education requirement.
- Two (2) Supplemental Writing Skills (SWS) courses are required.
- Student must have a **minimum of 120 credits** to graduate with **58 of the 120 credits** being from a senior level institution and the **final 30 of the 120 credits** completed at GVSU.

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✓	Prerequisite Courses (Grade of "C" or better required in prerequisite courses)	College/University	Course	Grade
	<b>BMS 250</b> Anatomy and Physiology I			
	<b>BMS 251</b> Anatomy and Physiology II			
	<b>AHS 100</b> Medical Terminology			
	<b>MTH 122</b> College Algebra			
	<b>PHY 220</b> General Physics I			
	<b>PHY 221</b> General Physics II			
	<b>PSY 101</b> Introductory Psychology			
	<b>SOC 105</b> Social Problems			
	<b>STA 215</b> Introductory Applied Statistics			
	<b>AHS 301</b> Introduction to Health Care Research or... <b>PSY 300</b> Research Methods in Psychology			
✓	<b>Remaining General Education Requirements</b>	<b>Notes</b>		
	WRT 150: Strategies in Writing <u>or</u> WRT 120/130 ("C" or higher required)			
	Life Sciences			
	Arts			
	Historical Analysis			
	Philosophy and Literature			
	Global Perspectives			
	Two Supplemental Writing Skills Courses (prerequisite: WRT 150)			
	<ul style="list-style-type: none"> <li>One by taking a General Education <b>or</b> by taking PSY 300 <b>or</b> by MTA</li> <li>One by a designated course in major/program (at GVSU Only)</li> </ul>			
	Two Issues Courses (must have 55 credits or more and take at GVSU only)			
	<ul style="list-style-type: none"> <li>AHS 340...before or during the program</li> <li>A second Issues course selected by student after 55 credits earned</li> </ul>			

The **Radiation Therapy** major at GVSU is **competitive and requires completion of a secondary application** which is available online at [www.gvsu.edu/rt](http://www.gvsu.edu/rt). Applications and all supplemental materials are due **February 1st**. Applicants must complete the prerequisite courses AND all the GVSU General Education courses prior to the start of the program in August. There are no waiting lists.

**Application Requirements:** Detailed application and admission requirements available at [www.gvsu/rt](http://www.gvsu/rt)

- ✓ GVSU Undergraduate Application – students must be admitted and eligible to start classes in the year of application
- ✓ Program Application & Supplemental Materials – found at [www.gvsu.edu/rt](http://www.gvsu.edu/rt)
- ✓ Transcripts - Official and updated copies of ALL non-GVSU transcripts sent directly to the GVSU Admissions Office
- ✓ Minimum grade of "C" or better required in all prerequisite coursework
- ✓ Resume - to include a specific section listing ALL health care experiences (volunteer, paid, job shadow)
  - Volunteer or Work in Health Field – minimum 16 hours experience in a health field (due at time of application)
  - Job Shadow – 2-3 hour job shadow with a practitioner in your field of interest (due at time of application)
- ✓ Statement of Professional Goals – one to two-page statement addressing:
  - Why you are interested, what are *your* plans, and what influenced your decision to choose this career field?
- ✓ Two recommendations - on program specific forms (part of the program application)
- ✓ Verification of Course Completion form - Identify how required courses will be completed PRIOR to start of the program
- ✓ Meet all physical performance requirements and technical standards – details at [www.gvsu.edu/rt](http://www.gvsu.edu/rt)

**Admissions Considerations**

- Academic grade point average from prerequisite courses (40%)
- Academic grade point average from last 45 credit hours (10%)
- Interview and Writing Assessment completed on-site at the Cook-DeVos Center for Health Sciences (30%)
- Health Care Experience - a minimum 16 hours of volunteer/work experience AND 2-3 hours job shadow in a health field (5%)
- Additional leadership considerations (10%)
- Recommendations (5%)