

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

2024 – 2025
Catalog Year

1st Year		
Fall	Winter	Spring/Summer
¹ BIO 120: General Biology I <small>GE Life Science</small> 4	AHS 100: Medical Terminology 3	⁵ MTH 123: Trigonometry 3 <small>(Prerequisite to PHY 220 at GVSU)</small>
² MTH 110: Algebra <small>(Prerequisite to MTH 122 & STA 215)</small> 4	⁴ BMS 250: Anatomy and Physiology I 4	
³ WRT 150: Strategies in Writing <small>GE Writing</small> 4	MTH 122: College Algebra 3	
General Education Course <small>Art</small> 3	PSY 101: Intro. Psychology <small>GE Social/Behavioral</small> 3	
	SOC 105: Social Problems <small>GE Social/Behav & US Diversity</small> 3	
Total 15	Total 16	Total 3
2nd Year		
Fall <small>(Program application opens: Oct. 1st)</small>	Winter <small>(Program application due: Feb. 1st)</small>	Spring/Summer
⁴ BMS 251: Anatomy and Physiology II 4	⁶ AHS 301: Intro. Hlth Care Research <u>or</u> PSY 300 3	
PHY 220: General Physics I <small>GE Physical Science</small> 5	PHY 221: General Physics II 5	
STA 215: Intro. Applied Statistics <small>GE Math</small> 3	General Education Course <small>Global Perspectives</small> 3	
General Education Course <small>Philosophy and Literature</small> 3	General Education Course <small>Historical Analysis</small> 3	
	Elective <small>(as needed to reach 120 credits)</small> 1	
Total 15	Total 15	
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	
Total 16	Total 16	Total 4
4th Year ~ Admission Required		
Fall	Winter	Spring/Summer
RIT 422: Radiation Therapy Physics II 2	AHS 340 Health Care Management <small>Issues</small> 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 Course <small>Issues & SWS</small> 3	RIT 472/473: Intro. to Medical Dosimetry w/ Lab 3	
	RIT 495: Advanced Clinical Problems in RT <small>GE SWS</small> 3	
Total 15	Total 18	

Curriculum Notes:

- ¹ BIO 180 & BIO 280 or CMB 155 (lec) & 156 (lab) may be taken as a substitution. BIO 120 is only a prerequisite to BMS 250 and is not required by the major/program. See advisor!
- ² MTH 108 and MTH 109 may be taken in place of MTH 110
- ³ WRT 120 & WRT 130 may be taken in place of WRT 150. ("C" or better is required in WRT 130 or WRT 150)
- ⁴ BMS 208 & BMS 290 may be take in place of BMS 250 & 251. (BMS 309 & 391 are not required)
- ⁵ MTH 123 is not required for the CVS major and is only listed on this guide as a prerequisite to PHY 220.
- ⁶ PSY 300 (SWS) may be used in place of AHS 301. AHS 301 is NOT an SWS.

- 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. Elective coursework may be needed to meet these requirements.

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

The **Radiation Therapy** major at GVSU is **competitive and requires completion of a secondary application** which is available online at 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

- ✓ [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
- ✓ [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

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%)

College of Health Professions ~ Student Services Office

Cook-DeVos Center for Health Sciences, 301 Michigan St. NE, Room 113, Grand Rapids, MI 49503
(616) 331-5900 or online at www.gvsu.edu/chpps