



# Transfer Planning Worksheet 2020-2021



**NORTH CENTRAL  
COLLEGE 1861**

Student Name: \_\_\_\_\_ North Central ID# \_\_\_\_\_ College Representative: \_\_\_\_\_ Date: \_\_\_\_\_

## Radiation Therapy, B.S.

As a radiation therapy major with a Bachelor's degree, you'll have a distinct advantage over your peers with only a certification or an associate degree in the field. Your solid foundation in the sciences will support your understanding of this specialized method of treating cancer and other conditions.

Your humanities courses will foster your ability to communicate effectively with other health care providers and patients. You'll spend your first three years on North Central's campus, completing your liberal arts courses and prerequisites in chemistry, biology, physics and math. During your fourth year after acceptance into the program you'll take on a clinical-based internship at the School of Radiation Therapy at Chicago's Northwestern Memorial Hospital and earn a degree in radiation therapy from North Central College.

## Major Requirements

Required Courses			
Course Name	Equivalent	Credit	Grade
CHEM 121 - General Chemistry I	CHEM 1551 @ COD		
CHEM 122 - General Chemistry II	CHEM 1552 @ COD		
CHEM 251 - Organic Chemistry I	CHEM 2551 @ COD		
CHEM 252 - Organic Chemistry II	CHEM 2552 @ COD		
BIOL 195 - Investigating Biology			
BIOL 201 - Anatomy and Physiology I	ANAT 1551 or ANAT 1571 @ COD		
BIOL 202 - Anatomy and Physiology II	ANAT 1552 or ANAT 1572 @ COD		
BIOL 210 - Cells and Systems	BIOL 2151 @ COD		
BIOL 230 - Genes and Genomics			
PSYC 250 - Statistics	MATH 1635, PSYC 2280, or SOCI 2205 @ COD		
Advanced Courses at Northwestern Memorial Hospital			
Upper-level coursework taken during the 14-month clinical internship at Northwestern Memorial Hospital includes 34 credit hours in courses such as Management and Methods of Patient Care, Radiation Safety and Protection, Medical Imaging, Radiation Therapy Physics, Radiation Biology, Introduction to Computed Tomography, Introduction to Technical Radiation Therapy, Principles and Practice of Radiation Therapy, Quality Management, Technical Radiation Therapy, Operational Issues in Radiation Therapy, and Clinical Practicum.			
Additional Requirements for the B.S. Degree			
Course Name	Equivalent	Credit	Grade
MATH 151 - Calculus I	MATH 2231 @ COD		
Physics Sequence			
One of the following sequences:			
Non-Calculus			
Course Name	Equivalent	Credit	Grade
PHYS 131 - Physics I (Non-Calculus)	PHYS 1201 @ COD		
PHYS 132 - Physics II (Non-Calculus)	PHYS 1202 @ COD		
Calculus-Based			
Course Name	Equivalent	Credit	Grade
PHYS 161 - Physics I: Mechanics and Heat	PHYS 2111 @ COD		
PHYS 162 - Physics II: Electromagnetism, Waves and Optics	PHYS 2112 @ COD		