

Radiation Therapy Pre-requisite Courses

The table below outlines pre-requisite courses that have been assessed by the RT program in the past from the three major universities in Manitoba. The **BOLD font signifies the preferred course at UWinnipeg which will enable students to be accepted and complete the BSc. in RT as prescribed in The UW Course Calendar**. Courses not included in this chart require an individual assessment and students are advised that additional restrictions may apply for those entering with pre-requisites other than the preferred courses.

Subject	University of Winnipeg	University of Manitoba	Brandon University
English 3 credits total	Note: All courses at the 1000 level or above offered through the English Department will meet the communications requirement. Other courses may also meet this requirement; The UW Admissions office can advise	* Note: All courses at the 100 level or above offered through the English Department will meet the communications requirement. Other courses may also meet this requirement; The UW Admissions office can advise.	* Note: All courses at the 100 level or above offered through the English Department will meet the communications requirement. Other courses may also meet this requirement; The UW Admissions office can advise
	RHET-1105 (Academic Writing - 3 credits)	ENGL 0930 (004.093 English Composition) – 3 credits	30.151 (University writing) - 3 credits
	ENGL-1000 (English 1A - 3 credits)	ENGL 1340 - 3 credits	30:145 (Written Expression: Structure, Substance, Style) - 3 credits
	ENGL-1001 (English 1 - 6 credits)	ENGL 1200 – 6 credits	30:140 (Contemporary Literature) - 3 credits
	ENGL-1003 (English 1B - 3 credits)	ENGL 1400 – 3 credits	30 147 (Literary Transitions)
Physics 6 credits total	PHYS 1101/6 (38.1101/6 Foundations of Physics - 6 credits) preferred	PHYS 1020 (016.102 General Physics 1 - 3 credits) AND PHYS 1030 (016.103 General Physics 2 - 3 credits)	74:132 (General Physics -6 credits) 74.161 & 74.162 Foundations of Physics I & 2 – 6 credits
	PHYS 1301/6 (38.1301/6 Introduction to Physics - 6 credits)	PHYS 1020 (016.102 General Physics 1 - 3 credits) AND PHYS 1070 (16.107 Physics 2: Waves and Modern Physics - 3 credits)	
		PHYS 1050 (16.105 Physics 1: Mechanics - 3 credits) AND PHYS 1070 (16.107 Physics 2: Waves and Modern Physics - 3 credits)	
Statistics 3 credits total	STAT 1301/3 (53.1501/3) Elementary Statistics for Biological and Health Sciences (3 credits) preferred	STAT 1000 (5.100M Basic Statistical Analysis 1 – 3 credits)	62:171 (Introduction to Statistics – 3 credits)
	PSYC 2101/3 (44.2101/3 Intro to Data Analysis - 3 credits)	PSYC 2250 (17.225 Intro to Psychological Research - 3 credits) AND PSYC 2260 (17.226 Intro to Research Methods in Psychology - 3 credits)	
		STAT 2000 (5.200 Basic Statistical Analysis 2 - 3 credits)	
Sociology/ Psychology 6 credits total	SOC-1100/3 Intro to Sociology I SOC-1102/3 Intro to Sociology II or SOC 1101/6 (50.1101/6 Intro to Sociology - 6 credits) <i>Sociology preferred</i>	SOC 1200 (077.120 Introduction to Sociology - 6 credits)	90:154 (Introduction to Sociology - 3 credits) AND 90:155 (Social Institutions and Social Processes - 3 credits) OR 90.256 (The Sociology of the Health Care System - 3 credits)
	PSYC-1000/6 <i>Introductory Psychology will be considered as pre-requisite to RT, however students are advised that completion of all RT specific programming is required prior to accessing SOC-3102 and completing the Bsc. RT program</i>		
Anatomy/ Physiology 6 credits total	BIOL-1112/6 Human Anatomy and Physiology	BIOL 1410 (ZOOL 1320 or 22.132 Anatomy of the Human Body – 3 credits) AND BIOL 1412 (ZOOL 1330 or 22.133 Physiology of the Human Body – 3 credits)	94.132 (Human Anatomy & Physiology – 6 credits)
		BIOL 1410 (ZOOL1320 or 22.132 Anatomy of the Human Body – 3 credits) AND BIOL 2410 (ZOOL 2530 or 22.253 Human Physiology 1 - 3 credits) AND BIOL 2420 (ZOOL 2540 or 22.254 Human Physiology 2 - 3 credits)	
		ANAT 1030 (80.103 Human Anatomy & Cell Science - 3 credits) AND BIOL 2410 (ZOOL 2530 or 22.253 Human Physiology 1 - 3 credits) AND BIOL 2420 (ZOOL 2540 or 22.254 Human Physiology 2 - 3 credits)	